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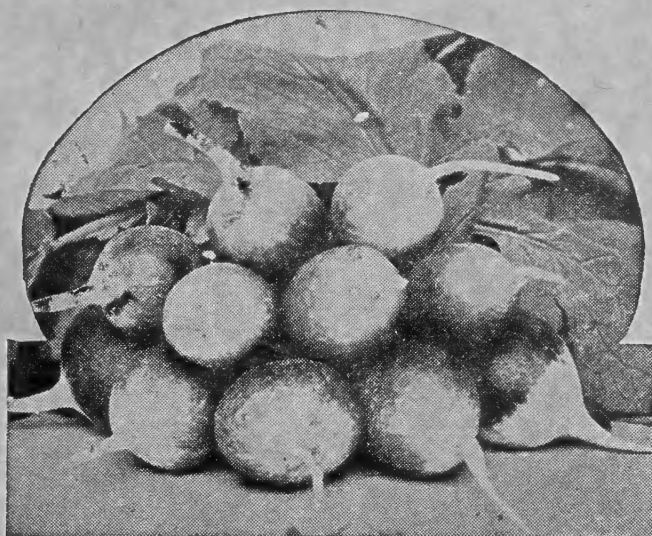
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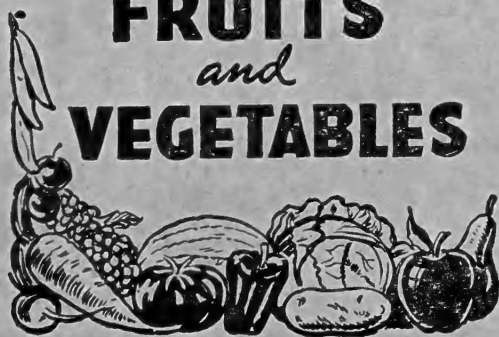
U. S. Department of Agriculture

ANTOINE'S QUALITY SEEDS

1947



Better
FRUITS
and
VEGETABLES



Finer
FLOWERS
and
ORNAMENTS



ANTOINE SEED COMPANY

112-116 E. Lexington St.

Independence, Missouri

ANTOINE SEED COMPANY

FARM AND GARDEN SEEDS

WHOLESALE and RETAIL

WM. L. ANTOINE
WM. R. ANTOINE

E. M. ANTOINE
ROBT. G. MARLEY

Garden Seeds
Field Seeds
Flower Seeds
Fertilizers
Insecticides



Bird Supplies
Dog Supplies
Bulbs
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112-16 EAST LEXINGTON ST.

INDEPENDENCE, MISSOURI

WAREHOUSE 1410-12 W. South Avenue

To All Our Friends and Customers:

We are grateful for your fine patronage in the past and we are looking forward to serving you in the future.

We had hoped for a more settled business world by the beginning of 1947. Instead, business problems have increased and we are still faced with shortages and increasing costs of operations. With the highly appreciated continuance of your fine cooperation, combined with our utmost efforts of doing everything possible for our customers, we promise you the best in merchandise and dependable service.

Our trained personnel consists of men with many years of experience in the seed industry. Also our enlarged storage space and cleaning plant enables us to give you highest quality seeds.

Again we thank you and wish you a happy and successful year.

ANTOINE SEED CO.

Wm. Antoine

Missouri Seedman's Association
Jackson County Farm Bureau

Western Seedman's Association
Independence Chamber of Commerce

YOUR FIRST STEP TO BETTER CROPS

Many varieties which only a few years ago were regarded as satisfactory have now been far surpassed through the application of modern methods of plant breeding.

Such methods are fully employed at the breeding stations, not only to develop new varieties, but also to improve and maintain at their best the standard types which are in general use. In this way seeds are bred — not just grown.

A seed is a plant in miniature. All its inherited characteristics are there and the grower's greatest care can do no more than develop them.

Choose your seeds with care, therefore, and remember that even the very finest seed costs but a small part of your total outlay in raising a crop. Seeds represent an enduring standard of quality. They are your first step to better crops.

TESTED SEEDS

We conduct our own modern seed laboratory. Our seeds are just as represented. If they prove otherwise, we will refill the orders free of charge or refund the money you paid us for same. If you do not find the article or variety you want, put it on the order anyway, as we carry in stock many items that we do not have room to list in this catalog.

ADVISORY SERVICE

We are glad to answer letters in detail regarding your garden and farm problems, but all requests for information should be written on a separate sheet of paper, and not on orders. It is always a pleasure to help you make your garden a success, and we take pains to answer inquiries promptly and fully.

FREE DELIVERY

We deliver free in the United States, by mail, freight or express, our option, to any express or post office, all Vegetable and Flower Seeds. All other articles, including bulbs, are quoted f. o. b. and postage must be added as per table where goods are desired by parcel post.

Write your name and address distinctly and in full; please use the order sheet and envelope inserted in this catalog.

GENERAL INFORMATION

ORDER EARLY! Our rush comes in March and April. By ordering early, you will receive better service from full stocks.

USE THE ORDER SHEET, as it will be easier for us to fill your order and ship it correctly. Give all necessary information on the order sheet, and if freight or express office is different from your post office address, give both.

PLEASE PRINT YOUR NAME AND ADDRESS on the order sheet, very plainly. Each year we are unable to read the names and addresses on many orders we receive, which means delay and often loss of money.

Poisons cannot be sent by mail. Liquids and goods packed in glass should be sent by express.

We must decline sending goods C. O. D. unless 25 per cent of their value accompanies the order.

HOW TO SEND MONEY

Remittances may be sent either in the form of a Money Order, Bank Check or Draft, or if Currency is sent, it should be registered. Postage stamps are satisfactory for small amounts.

DOMESTIC PARCEL POST RATES
Within the U. S. and Possessions
Zones from Kansas City, Mo.

| | | 1 lb. | 2 lbs. | additional pounds |
|------------------------------|------------------|-------|--------|-------------------|
| 1st and 2nd Zone within..... | 150 mi. | 9c | 11c | 01c |
| 3rd Zone within..... | 150 to 300 mi. | 10c | 12c | 02c |
| 4th Zone within..... | 300 to 600 mi. | 11c | 15c | 03c |
| 5th Zone within..... | 600 to 1000 mi. | 12c | 18c | 05c |
| 6th Zone within..... | 1000 to 1400 mi. | 13c | 20c | 07c |
| 7th Zone within..... | 1400 to 1800 mi. | 15c | 24c | 09c |
| 8th Zone over | 1800 mi. | 16c | 27c | 11c |

Parcel post packages are mailed anywhere within the United States or its possessions, weighing up to and including 70 pounds. Shipments of 20 pounds or over are as cheap if sent by express beyond the third zone.

We do not supply less than one-half pound at pound rate, nor less than one-half ounce at ounce rate. Smaller quantities will be priced at higher rates. All seeds, nursery stock, plants, bulbs, ordered but not listed in our catalog will be given careful consideration and will be invoiced at regular prices.

Due to world conditions, listing and prices in this catalog subject to change without notice.

THE ANTOINE SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

We are Jobbers For Red Steer Fertilizer, Vigoro and Many Other Items

The Antoine Seed Company and affiliated bodies has , in the past nine years, made an extensive study of distinctively new varieties. The results of the trials conducted in twelve different sections of the country are decided by impartial judges, to whom the entries are known only by numbers. They are allotted marks for distinctiveness, general usefulness, adaptability, and uniformity. The findings are as follows:

GOLD MEDAL

| | |
|--|------|
| Asgrow Stringless Green Pod Bean | 1933 |
| Asgrow Wonder Beet | 1934 |
| Scarlet Dawn Tomato | 1935 |
| Cucumber Straight Eight | 1935 |

SILVER MEDAL

| | |
|-----------------------------------|------|
| Asgrow Black Valentine Bean | 1933 |
| Radish Comet | 1936 |
| Imperator Carrot | 1933 |
| Beet Perfected Detroit | 1934 |
| Golden Hybrid Bantam | 1940 |
| Cantaloupe Imperial | 1935 |
| Baby Potato Lima Bean | 1940 |

BRONZE MEDAL

| | |
|---|------|
| Stowell's Evergreen Hybrid Sweet Corn | 1934 |
| Ruby King Pepper, Asgrow Strain | 1935 |
| Cucumber Cubit | 1944 |

RADISH, COMET GLOBE, (Medium Top) 24 Days

Our pedigreed originator's stock of this very popular variety is outstandingly good, and well adapted to both field culture and greenhouse forcing. Roots olive-shaped, with medium top; bright scarlet, crisp, tender, and of fine quality.

PURPLE KING..... 80 Days

Used widely in Missouri for Shipping and Truckers. Plant vigorous, rather open, medium height. Fruits medium large, globular, smooth, purplish pink, thick-skinned, very solid and quite free from cracking.

TOMATO, SUPER BREAK O' DAY 68 Days

Resembles Break o' Day and is similarly disease resistant, but has a positive bright red color. Plants have much heavier foliage, affording better protection from sun-scald. A heavy cropper. Fruits medium large, globular; firm and solid; interior ripens slowly. Best adapted to sandy loam soils of the lighter type.

BEET, ASGROW WONDER 57 Days

All-America Gold Medal 1934. Recognized by this award as a variety of supreme excellence, its performance for market growers and shippers in the seasons since then has confirmed it in a position of leadership. Extra flavor and quality, smooth skin, 15 inch tops for good bunching. A pedigreed stock, the result of many years of pure-line breeding; unsurpassed in earliness, uniformity, and in depth of interior color.

CUCUMBER, CUBIT 68 Days

A long variety which is extremely popular on account of its excellent exterior color, fine slicing texture and shipping quality.

CORN, GOLDEN CROSS BANTAM 85 Days

The best known and most adaptable hybrid of its kind—a large main crop sort of the improved Golden Bantam type. Very sturdy and reliable, showing high resistance to bacterial wilt (Stewart's disease). Ears 8 inches long, 10—14 rows.

TOMATO, RUTGER'S CERTIFIED 86 Days

This main crop variety has come into wide use by truckers and shippers, and in some sections by canners. Plant vigorous, with medium foliage, resistant to Fusarium wilt and nail-head rust; moderately productive. Fruits medium large, nearly globular, deep red, smooth, solid, with thick walls and cross-sections; of fine quality.



ASPARAGUS



MARY WASHINGTON, developed for resistance to asparagus rust, *Puccinia Asparagi*; and now by far the most extensively grown variety.

One-half Pound at Pound Price

| | Oz. | ¼ lb. | 1 lb. |
|------------------------------|-----|-------|--------|
| Palmetto | 20c | 60c | \$2.00 |
| Conover's Colossal..... | 20c | 60c | 2.00 |
| Columbian Mammoth White..... | 20c | 60c | 2.00 |
| Mary Washington..... | 20c | 60c | 2.00 |

BEANS

Plant only in warm, well prepared soil, about 4 inches apart, 1½ to 2 inches deep. Under hand cultivation and in poor soil, rows may be 18 to 24 inches apart, in rich fields under horse and tractor cultivation, 30 to 36 inches.

Cultivate only before blooming and never when wet. Plant a succession every two weeks to insure supplies throughout the season.

Allow 1 pound for every 100 feet of row, 1 to 1½ bushels per acre.

BUSH GREEN PODDED

Asgrow - Bl. Valentine Stringless

Asgrow Stringless Green Pod

Tennessee Green Pod

Early Bountiful Stringless

Burpee's Stringless Greenpod

Giant Stringless Greenpod

Red Valentine

Full Measure Stringless

Tendergreen Stringless

Dwarf Kentucky Wonder

Dwarf Horticultural

Red Kidney

| Pkt. | 1b. | 5 lbs. | 10 lbs. | 100 lbs. |
|------|-----|--------|---------|----------|
| 10c | 40c | \$1.75 | \$3.00 | \$24.00 |

BUSH — SHELL

Great Northern Navy

Michigan Navy

| Pkt. | 1b. | 5 lbs. | 10 lbs. | 100 lbs. |
|------|-----|--------|---------|----------|
| 10c | 30c | \$1.25 | \$2.25 | \$18.00 |

DWARF OR BUSH (Yellow Pod)

Improved Golden Wax

Brittle Wax

Pencil Pod Black Wax

Sure Crop Wax

| Pkt. | 1b. | 5 lbs. | 10 lbs. | 100 lbs. |
|------|-----|--------|---------|----------|
| 10c | 40c | \$1.75 | \$3.00 | \$24.00 |

DWARF OR BUSH LIMA

Pride Impr. Bush

Burpee's Bush

Jackson Wonder

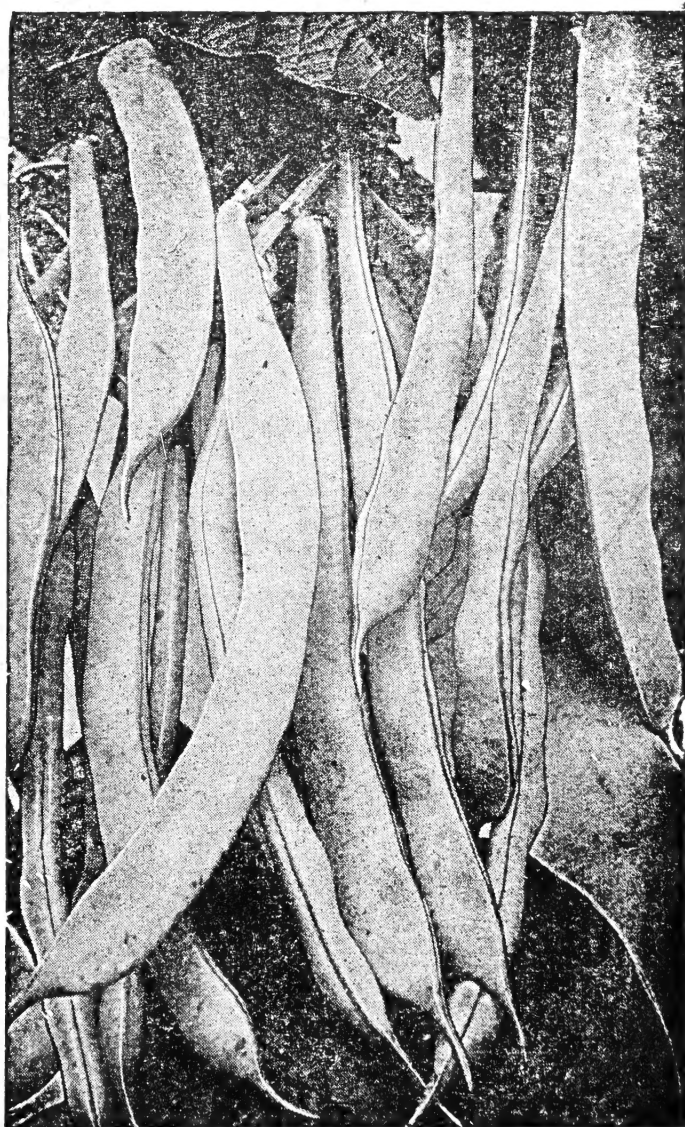
Henderson

Fordhook

Baby Potato Lima

| Pkt. | 1b. | 5 lbs. | 10 lbs. | 100 lbs. |
|------|-----|--------|---------|----------|
| 10c | 35c | \$1.60 | \$3.00 | \$24.00 |

All above 25 lbs. and over, 100 lb. rate.



Culture Pole Beans are more tender than bush beans and should be planted later. Poles eight to nine feet long should be set firmly in the ground 4 x 3 ft. apart. Plant 5 to 8 beans around each pole; later thinning to four vines. Cover the seed 1½ inches to two inches deep. One pound of seed will plant 75 to 100 hills; 30 lb. per acre.

POLE BEANS, GREEN, WAX, LIMA

| | | |
|--------------------|------------------------------|-------------------------|
| Lazy Wife | Dutch | London Horticultural |
| Missouri Wonder | Caseknife | Pride Pole Lima |
| Golden Cluster Wax | Cutshort (rd. spkled) | King of the Garden |
| Striped Creaseback | Kentucky Wonder | Florida Butter Speckled |
| Scotia | Kentucky Wonder (white seed) | Large White Lima |
| Yard Long | Kentucky Wonder (wax) | |

| | | | | | |
|------|-------|--------|---------|----------|-----------------------------------|
| Pkt. | 1 Lb. | 5 Lbs. | 10 Lbs. | 100 Lbs. | 25 lbs. and over at 100 lb. rate. |
| 10c | 35c | \$1.60 | \$3.00 | \$24.00 | |

BEETS

ARE EASILY GROWN

One of the profitable crops for the market grower. If desirable, to be very early, they may be grown in the hotbed and transplanted. Plant as early in the spring as the weather will permit. Beets will stand light frost, but care must be taken, as a heavy frost will destroy them. The rows should be 16 to 20 inches apart and seed planted from 1 to 1½ inches deep. Thin to 2 to 3 inches apart. Plant some thickly for greens. For fertilizer, we recommend Vigoro.

Plant 1 oz. to 100 feet of drill. Ten pounds will sow an acre in 18 inch rows.

BEETS FOR TABLE

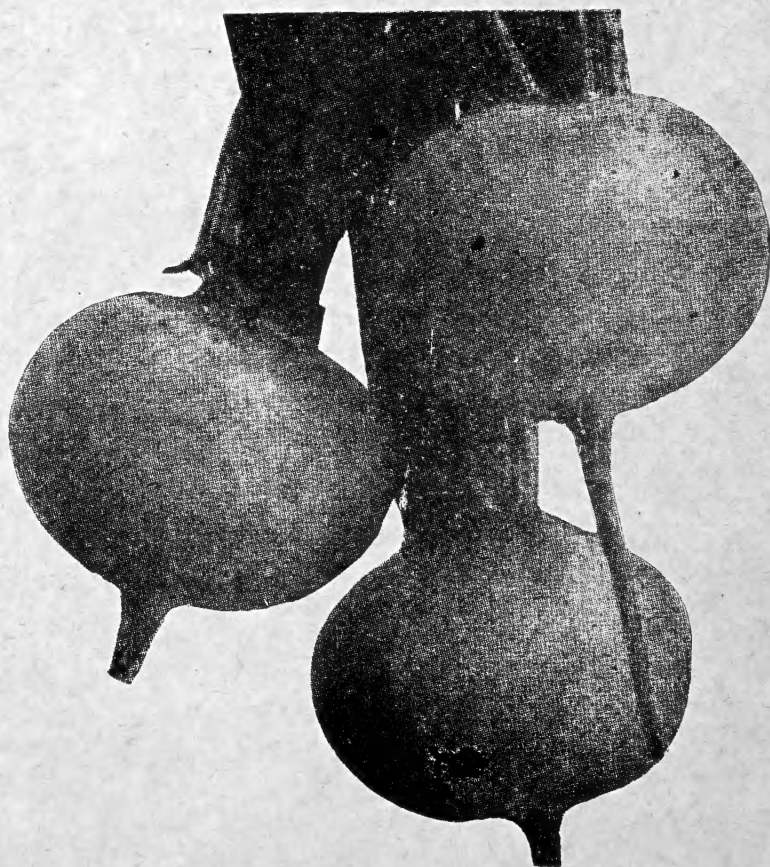
Asgrow Wonder
Gardener's Pride
Detroit Dark Red
Nutting's Gem
Lt. Columbia, Lg. tops
Crosby's Egyptian, Lt. Strain
Early Blood Turnip
Early Wonder Select
Swiss Chard, Luccullus

| | | | |
|----------|----------------|----------|--------|
| Pkt. | Oz. | ¼ lb. | 1 lb. |
| 10c | 15c | 50c | \$1.50 |
| 5 lb | 10 lb to 25 lb | 100 lb | |
| @ \$1.25 | @ \$1.00 | @ \$.90 | |

MANGEL and SUGAR

Mammoth Long Red
Golden Tankard
Giant Half Sugar White

| | | | |
|----------|----------------|----------|--------|
| Pkt. | Oz. | ¼ lb. | 1 lb. |
| 10c | 15c | 40c | \$1.25 |
| 5 lb | 10 lb to 25 lb | 100 lb | |
| @ \$1.15 | @ \$.95 | @ \$.80 | |



BROCCOLI



| One-half Pound at Pound Price | Pkt. | Oz. | ¼ lb. | lb. |
|-------------------------------|------|-----|--------|--------|
| Italian Green Sprouting..... | 15c | 75c | \$1.75 | \$5.00 |
| Purple Cape..... | 15c | 75c | 1.75 | 5.00 |
| White Cape..... | 15c | 75c | 1.75 | 5.00 |

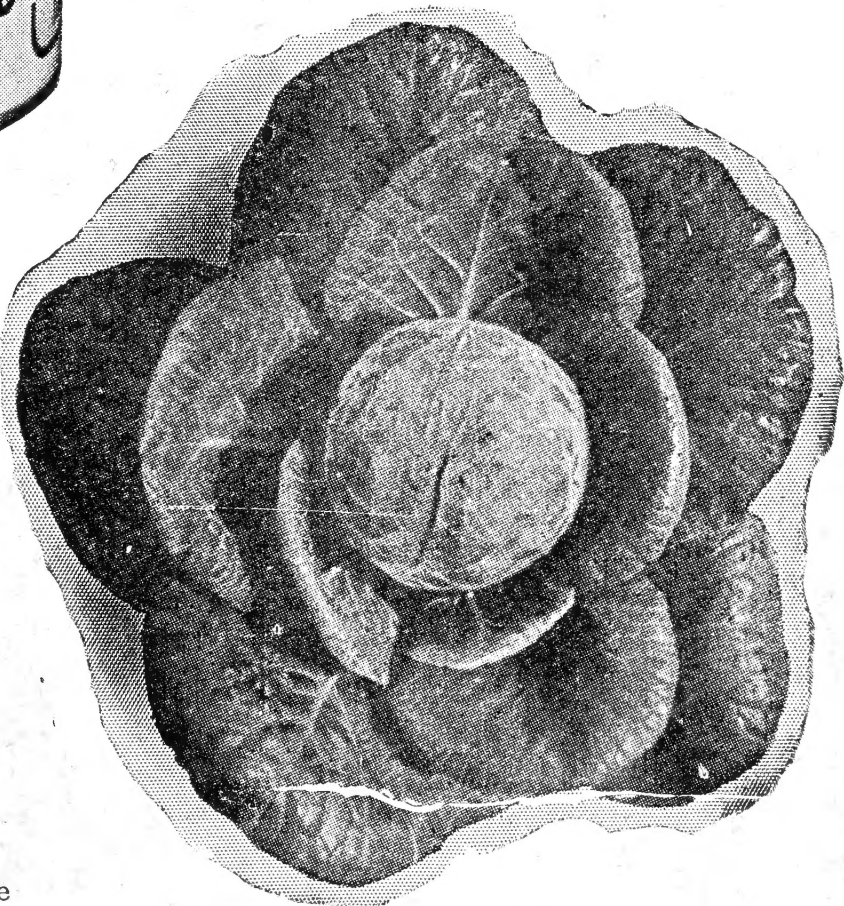
BRUSSELS SPROUTS

| | Pkt. | Oz. | ¼ Lb. | Lb. |
|---------------------------|------|-----|--------|--------|
| Half Dwarf Improved | 10c | 75c | \$2.00 | \$7.00 |



CABBAGE

The earliest cabbages are started under glass and transplanted when 4 to 6 inches high, into rows 2 to 2½ feet apart, with 18 inches between plants. Later, larger sorts need more room. Each ounce of seed should produce about 3000 plants and an acre of cabbage will contain 12,000 to 15,000 plants.



- Golden Acre Special
- Copenhagen Special
- Early Jersey Wakefield
- Charleston Large Wakefield
- Glory of Enkhuizen
- All Head
- Early Dwarf Flat Dutch
- All Seasons
- Green Acre
- Danish Ballhead
- Late Flat Dutch
- St. Louis Market
- Mammoth Red Rock
- Amer. Perfection Drumhead
- CHSE. CABBAGE (Petsai)
- CHSE. CABBAGE (Wong-Bok)
- CHSE. CABBAGE (Chihili)

| Pkt. | Oz. | ¼ Lb. | Lb. |
|-------------------------------|-----|--------|--------|
| 10c | 50c | \$1.50 | \$6.00 |
| One-half Pound at Pound Price | | | |

YELLOW RESISTANT VARIETIES

| | Pkt. | Oz. | ¼ lb. | lb. |
|----------------------------------|------|-----|-------|------|
| Golden Acre | 10c | 75c | 2.00 | 7.00 |
| Wisconsin No. 8 | 10c | 75c | 2.00 | 7.00 |
| Marion Market | 10c | 75c | 2.00 | 7.00 |
| Wisconsin All Season | 10c | 75c | 2.00 | 7.00 |
| Globe (Enkhuizen) Improved | 10c | 75c | 2.00 | 7.00 |
| Wisconsin Hollander | 10c | 75c | 2.00 | 7.00 |
| Danish Ballhead | 10c | 75c | 2.00 | 7.00 |
| Red Danish | 10c | 75c | 2.00 | 7.00 |

CAULIFLOWER

1 Oz. will produce about 1000 Plants

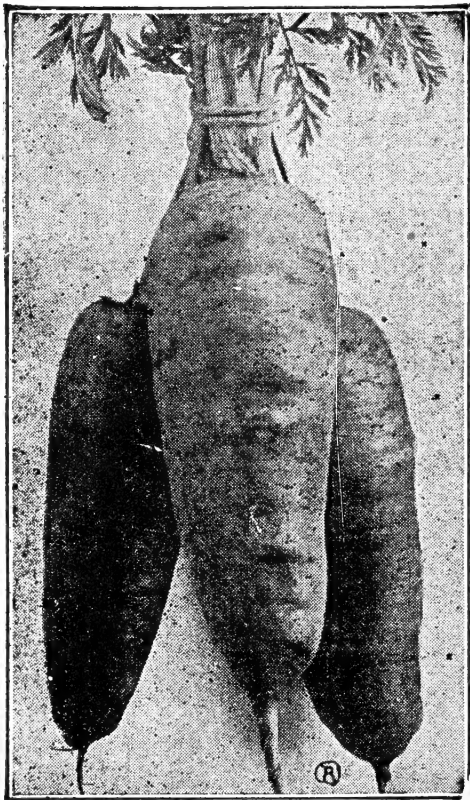
For early Cauliflower, sow in greenhouse in January or February and transplant to flats in the house or cold-frames, 2 to 3 inches apart each way. When the soil can be worked, set the plants 2 to 2½ feet apart each way in rich fibrous loam. Blanch heads by drawing leaves together over them and tying with raffia or strips of soft cloth. For late Cauliflower, start in open ground, like late cabbage.

| | Pkt. | 1 Oz. | ¼ Lb. | Lb. |
|----------------------|------|--------|---------|---------|
| White Wonder | 25c | \$3.00 | \$10.00 | \$30.00 |
| Early Snowball | 25c | 3.00 | 10.00 | 30.00 |
| Early Express | 25c | 3.00 | 10.00 | 30.00 |

CARROTS

Carrots prefer deep, loose, fertile soil, but will thrive in good, well-worked garden soil. In April, as soon as the ground is warm and fit to work, sow the seed for the first crop, and make successive sowings until August 1, the last being for fall and winter use.

Plant seed ½ inch deep, in rows 12 to 15 inches apart, and thin plants to 3 to 4 inches apart in row. Use Vigoro for forcing.



| One half Pound at Pound Prices | Pkt. | Oz. | ¼ Lb. | Lb. |
|---------------------------------|------|-----|-------|--------|
| Horn | 10c | 20c | 75c | \$2.00 |
| Chantenay | 10c | 20c | 75c | 2.00 |
| Chantenay Improved..... | 10c | 20c | 75c | 2.00 |
| Chantenay Red Cored..... | 10c | 20c | 75c | 2.00 |
| Danvers Half Long..... | 10c | 20c | 75c | 2.00 |
| Denver Danvers, New Long Strain | 10c | 20c | 75c | 2.00 |
| Danvers, Red Cored..... | 10c | 20c | 75c | 2.00 |
| Imperator | 10c | 20c | 75c | 2.00 |
| Coreless | 10c | 20c | 75c | 2.00 |
| Oxheart or Guerande | 10c | 20c | 75c | 2.00 |
| Long Orange | 10c | 20c | 75c | 2.00 |

Five Pounds and Over 5c Less Per Pound.

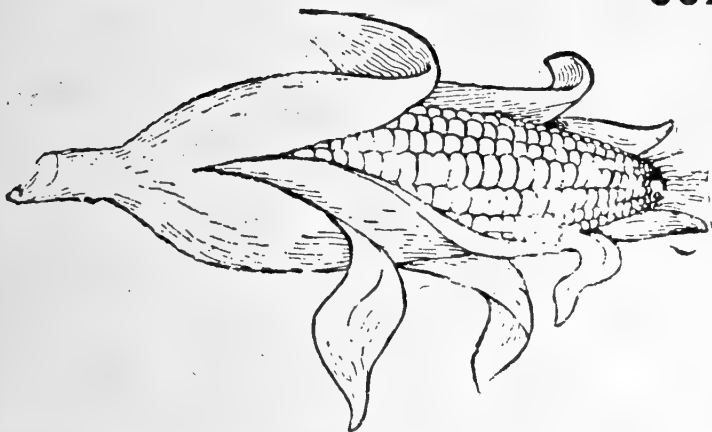
CELERY

For this climate sow celery in May or early June, in drills 4 to 6 inches apart and cover about ¼-inch deep. When ready to transplant, thin out to 2 or 3 inches apart in the row, and leave growing until July or August, when they should be planted in rows 18 to 20 inches apart and set 6 inches in the row. In planting, press the ground around the plants but do not let earth get into the heart.

| | Pkt. | ½ Oz. | 1 Oz. | ¼ Lb. | Lb. |
|------------------------------|------|--------|--------|--------|---------|
| Easy Blanching..... | 10c | \$.75 | \$1.00 | \$3.00 | \$10.00 |
| Giant Pascal | 10c | .75 | 1.00 | 3.00 | 10.00 |
| Golden Self Blanching | 10c | .75 | 1.00 | 3.00 | 10.00 |
| Wonderful | 10c | 1.00 | 2.00 | 5.00 | 15.00 |
| White Plume | 10c | .75 | 1.00 | 3.00 | 10.00 |
| Celeriac Turnip Rooted | 10c | .75 | 1.00 | 3.00 | 10.00 |



CORN



SWEET OR SUGAR

One quart will plant about 200 hills
Plant corn every three weeks
from April to July, for succes-
sion, placing 6 seeds in a hill,
the hills 3 feet apart each way,
and covering 1/2 inch. When well
up, thin to three plants to a hill.

| | | | | 1 Oz. | 1 Lb. | 5 Lbs. | 10 Lbs. | 100 Lb. |
|-------------------------------|------|----------|--|-------|-------|--------|---------|---------|
| Early Adams Dwarf, Tender.... | (60) | | | 10c | 25c | \$1.00 | \$1.75 | \$15.00 |
| Early Surprise | (70) | | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Golden Bantam | (70) | 8 rowed | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Early Evergreen | (94) | 14 rowed | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Country Gentleman | (95) | | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Stowell's Evergreen | (97) | 12 rowed | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Whipple's Early White | (68) | 12 rowed | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Howling Mob | (75) | | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Whipple's Early Yellow | (84) | 12 rowed | | 10c | 35c | 1.40 | 2.50 | 21.00 |
| Trucker's Favorite..... | (90) | 14 rowed | | 10c | 40c | 1.50 | 2.75 | 23.00 |
| White Pearl..... | (80) | 14 rowed | | 10c | 20c | .90 | 1.50 | 10.00 |

HYBRID SWEET CORN

| | Pkt. | 1 lb. | 5 lbs. | 10 lbs. | 100 lb |
|---|------|-------|--------|---------|---------|
| Earligold, 12-16 rows | 10c | 40c | \$2.00 | \$3.50 | \$33.00 |
| Evergreen Hybrid 3x33, 14-18 rows | 10c | 50c | 2.50 | 4.50 | 40.00 |
| Golden Cross Bantam, 10-14..... | 10c | 40c | 2.00 | 3.50 | 33.00 |
| Golden Colonel, C. Gentleman | 10c | 40c | 2.00 | 3.50 | 33.00 |
| Tendergold, 10-14 rows | 10c | 40c | 2.00 | 3.50 | 33.00 |
| Ioana, 12-14 rows | 10c | 40c | 2.00 | 3.50 | 33.00 |
| Marcross, 12-14 rows | 10c | 40c | 2.00 | 3.50 | 33.00 |

POP CORN

| | 1 lb. | 10 lbs. |
|------------------------|-------|---------|
| Japanese Hulless | 25c | \$2.00 |
| South American | 25c | 2.00 |
| Hulless Hybrid | 1.00 | 9.75 |
| Black Beauty | 35c | 3.00 |
| Kansas K 4 | 1.00 | 9.75 |

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for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

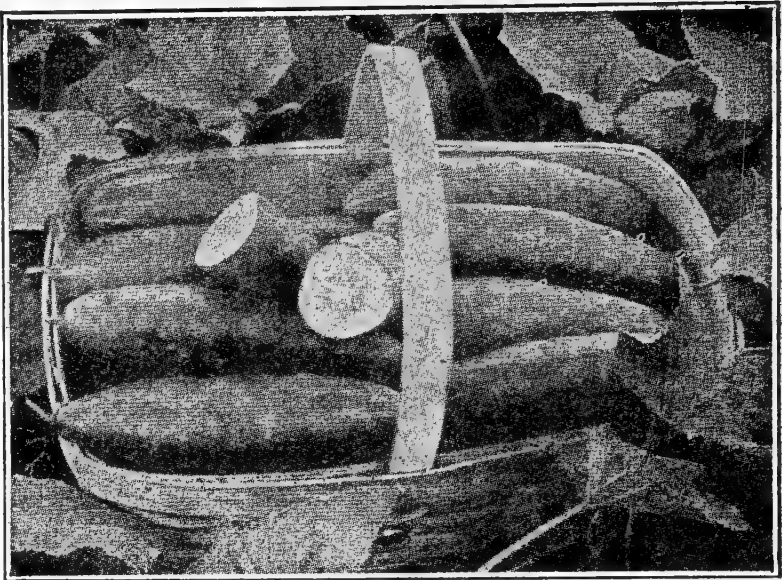
VIGORO Supplies All Plants 11 Vital Elements

CUCUMBERS

For an early crop, plant the seed in a hotbed or in paper pots. The plants will be ready to transplant in open ground in from three to six weeks.

Set in hills 4 feet apart each way, thinning out to about 4 plants to a hill when established. Plant seed in hills in May. For pickles, plant last two weeks of June.

One ounce will sow about 100 feet of drill.



| | Pkt. | Oz. | ¼ lb. | 1 lb. |
|---|------|-----|--------|--------|
| Imperator, long, firm | 10c | 35c | \$1.00 | \$3.00 |
| A. & C. 6 - 8" long | 10c | 35c | 1.00 | 3.00 |
| Straight Eight, good slicer | 10c | 35c | 1.00 | 3.00 |
| Early Marvel, very early good producer..... | 10c | 25c | .75 | 2.50 |
| Cubit | 10c | 35c | 1.00 | 3.00 |
| Early Cluster, small pickling variety..... | 10c | 25c | .75 | 2.50 |
| Early Fortune, large firm and crisp..... | 10c | 25c | .75 | 2.50 |
| Colorado Long Green | 10c | 35c | 1.00 | 3.00 |
| Longfellow, good for forcing | 10c | 35c | 1.00 | 3.00 |
| National Pickling, best pickling..... | 10c | 25c | .75 | 2.50 |
| White Wonder | 10c | 25c | .75 | 2.50 |
| Gherkin, prickly cucumber..... | 10c | 25c | .75 | 2.50 |
| Oriental Climbing | 10c | 25c | .75 | 2.50 |
| Lemon | 10c | 25c | .75 | 2.50 |

(Five pounds and over, 10c less per pound.)

EGG PLANT

| | Pkt. | Oz. | ¼ lb. | 1 lb. |
|---|------|-----|--------|--------|
| Long Purple, long smooth variety | 10c | 75c | 2.50 | 8.00 |
| Black Beauty, large egg shaped fruit..... | 10c | 75c | \$2.50 | \$8.00 |

ENDIVE

One ounce will sow about 200 feet of drill.

Sow seed in good garden soil in June, July or August, and cover up lightly. When plants are well up, thin to 8 to 10 inches apart, and when the leaves are 6 to 8 inches long, blanch by tying together near the top. For winter use, take up plants with a ball of earth and place close together in a frame or cellar, being careful to keep them dry and give them plenty of air.

| | Pkt. | Oz. | ¼ lb. | 1 lb. |
|--|------|-----|-------|--------|
| Green Curled, (Ruffec) | 10c | 15c | 50c | \$1.75 |
| Broad Leaf (Escarolle) Full Heart | 10c | 15c | 50c | 1.50 |
| Green Curled Pink Ribbed (Pancalier) | 10c | 15c | 50c | 1.75 |

KALE

| | | | | |
|------------------------------|-----|-----|-----|------|
| Dwarf, Siberian, green | 10c | 15c | 50c | 1.50 |
| Tall, curled Scotch..... | 10c | 15c | 50c | 1.50 |
| Dwarf Curled Scotch | 10c | 15c | 50c | 1.50 |

KOHL RABI

| | | | | |
|------------------------------|-----|-----|------|------|
| Purple Vienna..... | 10c | 50c | 1.00 | 3.50 |
| White Vienna Short Top | 10c | 50c | 1.00 | 3.50 |

LEEK

| | | | | |
|-------------------|-----|-----|------|------|
| London Flag | 10c | 60c | 2.00 | 6.00 |
|-------------------|-----|-----|------|------|

LETTUCE



For an early crop of Head Lettuce, sow the seed in February or March in the hot-house, or in boxes or flats in the house, and transplant as soon as the ground can be worked. Set in rows 18 inches apart and 8 to 10 inches apart in row. Sow seed outdoors every two weeks for a succession, covering lightly by raking, so that the birds do not get to it. It is best to sow lettuce in rows, as it can be cultivated.

One ounce will produce about 1000 plants.

| | Pkt. | Oz. | ¼ lb. | 1 lb |
|--|------|-----|--------|--------|
| Grand Rapids, best for forcing | 10c | 15c | \$0.50 | \$1.50 |
| Black Seeded Simpson, leaf lettuce.... | 10c | 15c | .50 | 1.50 |
| Early Curled Simpson, leaf lettuce... | 10c | 15c | .50 | 1.50 |
| New York Special, black seeded..... | 10c | 25c | .75 | 2.50 |
| White Cos or Romaine | 10c | 15c | .50 | 2.00 |
| Chicken Lettuce | 10c | 15c | .50 | 2.00 |
| Big Boston Head Lettuce..... | 10c | 15c | .50 | 2.00 |
| Iceberg, heading variety..... | 10c | 25c | .75 | 2.50 |
| New York, No. 44, heading variety ... | 10c | 25c | .75 | 2.50 |
| Prize Head..... | 10c | 15c | .50 | 2.00 |
| Hanson (head) | 10c | 15c | .50 | 2.00 |
| Unrivaed Summer (head) | 10c | 15c | .50 | 2.00 |
| Celtuce Celery Lettuce | 10c | 25c | .75 | 2.50 |



MUSKMELONS

Cantaloupe



Demand a light sandy soil, and planting should not be done until the ground has become dry and warm. Sow 6 to 12 seeds to a hill, the hills to be 6 feet apart each way, and cover ½ inch deep. When the plants have produced their rough leaves, thin to three plants to a hill. Pinch out ends of the growing shoots to induce early fruiting. We recommend Vigoro.

| | Pkt. | Oz. | ¼ lb. | 1 lb |
|--|------|-----|-------|--------|
| (Five pounds and over, 10c less per pound) | | | | |
| Bender Surprise, large salmon flesh. | 10c | 20c | 60c | \$2.00 |
| Hales Best Select, most popular seller | 10c | 20c | 60c | 2.00 |
| Hearts of Gold, best for home garden | 10c | 20c | 60c | 2.00 |

| | | | | |
|--|-----|-----|-----|------|
| Imperial, improved type Hales best..... | 10c | 20c | 60c | 2.00 |
| Superperfecto, improved Rocky Ford..... | 10c | 20c | 60c | 2.00 |
| Maryland Knight, very uniform size | 10c | 20c | 60c | 2.00 |
| Rocky Ford, smooth round variety..... | 10c | 20c | 60c | 2.00 |
| Honey or Sugar Rock..... | 10c | 20c | 60c | 2.00 |
| Banana | 10c | 20c | 60c | 2.00 |
| Queen of Colorado..... | 10c | 20c | 60c | 2.00 |
| Tip Top..... | 10c | 20c | 60c | 2.00 |
| Hackensack | 10c | 20c | 60c | 2.00 |
| Burrells Gem..... | 10c | 20c | 60c | 2.00 |
| Honey Dew..... | 10c | 20c | 60c | 2.00 |

One ounce will sow about 80 hills.

WATERMELONS

One ounce will sow about 50 hills.

Watermelons should have the same culture as muskmelons, but should be planted 8 to 10 ft. apart, depending on the variety.

| | Pkt. | 1 Oz. | ¼ lb. | 1 lb. |
|---|------|-------|--------|--------|
| Georgia Rattlesnake, oblong, dark stripped..... | 10c | 20c | 50c | \$1.50 |
| Kleckley's Sweet, oblong dark green..... | 10c | 20c | 50c | 1.50 |
| Stone Mountain, large round green..... | 10c | 20c | 60c | 2.00 |
| Northern Sweet Ice Box | 10c | 20c | 50c | 1.50 |
| Chilean Ice Box Melon | 10c | 20c | 50c | 1.50 |
| Tom Watson, oblong, deep red flesh..... | 10c | 20c | 50c | 1.50 |
| Early Kansas or Hutchinson | 10c | 20c | 50c | 1.50 |
| Black Diamond Florida Giant | 10c | 30c | \$1.00 | 3.00 |
| Sweetheart | 10c | 20c | 50c | 1.50 |
| Irish Grey..... | 10c | 20c | 50c | 1.50 |
| New Wonder | 10c | 20c | 50c | 1.50 |
| Dixie Queen..... | 10c | 20c | 60c | 2.00 |
| Citron — Red or Green seeded | 10c | 20c | 50c | 1.50 |

Five pounds and over 10c less per pound

MUSTARD

Seed resembles that of cabbage and turnip. For an early crop, sow in the hot bed in March. Sow outdoors in drills 8 to 12 inches apart at intervals throughout the spring and summer, and cut when not over 2 inches high. Fine used as salad or cooked like spinach.

GIANT SOUTHERN CURLED. A hardy variety, forming a large mass of curled and ruffled leaves.

| | Fkt. | 1 Oz. | ¼ lb. | 1 lb. |
|---|------|-------|-------|-------|
| Southern Giant L. Standing | 10c | 15c | 25c | 75c |
| Champion Moss, Curled, tender green foliage | 10c | 15c | 25c | 75c |
| Fordhook Fancy..... | 10c | 15c | 25c | 75c |
| Southern Giant, Curled broad leaf..... | 10c | 15c | 25c | 75c |
| White London, smooth leaf | 10c | 15c | 25c | 75c |
| Mustard Spinach Tendergreen | 10c | 15c | 25c | 75c |
| Black or Brown | 10c | 15c | 25c | 75c |

One ounce will sow about 75 feet of drill

OKRA OR GUMBO

One ounce will sow about 100 feet of drill

| | | Oz. | ¼ lb. | 1 lb |
|--------------------------------------|---------------|-----|-------|------|
| Dwarf, green short pod..... | 42 days | 10c | 20c | 75c |
| Perkins Mammoth, long pod..... | 45 days | 10c | 20c | 75c |
| White Velvet, long creamy white..... | 45 days | 10c | 20c | 75c |



ONIONS

Very fine onions are produced by sowing the seed in the hotbed early in February and transplanting to the open, about six inches apart. All onion seed is black, three-cornered, and about one-sixteenth of an inch in diameter. Sow seeds outdoors in rich, sandy loam, in hills one foot apart, as early as possible, and cover with fine soil. When plants are strong enough, thin to 3 or 4 inches apart.

One ounce will sow about 100 feet of drill.

5 to 6 pounds to the acre

| | Pkt. | Oz. | ¼ lb. | 1 lb. |
|---|------|-----|--------|--------|
| Prizetaker, yellow, good keeper..... | 10c | 50c | \$1 50 | \$5.00 |
| Sweet Spanish, yellow, very large and mild..... | 10c | 60c | 2.00 | 6.50 |
| Sweet Spanish, white, very large and mild..... | 10c | 60c | 2.00 | 6.50 |
| Southport Yellow Globe, solid, good keeper..... | 10c | 50c | 1.50 | 5.00 |
| Southport White Globe for green or dry..... | 10c | 50c | 1.50 | 5.00 |
| Southport Red Globe, excellent shipper..... | 10c | 50c | 1.50 | 5.00 |
| Green Bunch, for green onions only..... | 10c | 50c | 1.50 | 5.00 |
| Silver Skin..... | 10c | 50c | 1.50 | 5.00 |
| Red Weathersfield..... | 10c | 50c | 1.50 | 5.00 |
| Yellow Bermuda | 10c | 60c | 2.00 | 6.50 |
| White - Lisbon | 10c | 60c | 2.00 | 6.50 |

One Ounce Will Sow About 100 feet of Drill; 5 to 6 pounds to the Acre
(Five Pounds and Over, 10c less per Pound)

PARSLEY

| | Pkt. | 1 oz. | ¼ lb. | 1 lb. |
|--|------|-------|-------|--------|
| DOUBLE CURLED. Dark green curled. | 10c | 15c | 35c | \$1 00 |
| CHAMPION MOSS CURLED. Leaves are finely curled. .. | 10c | 15c | 35c | 1 00 |
| HAMBURG OR ROOTED. Used in flavoring soups and stew | 10c | 15c | 35c | 1.00 |
| PLAIN. A deep-cut, non-curved leaf parsley. | 10c | 15c | 35c | 1 00 |

One ounce will sow about 150 feet of drill

PEAS

Peas are cool weather plants and should be sown as soon as the ground can be worked. The early, small, smooth-seeded varieties should be planted first; the large, wrinkled-seeded sorts, which are sweeter and of better quality, are not so hardy and should be sown when the ground is a little warmer.

Allow 2 to 3 lbs. per 100 feet of double row; 2 bushels per acre. Plant 2 to 3 inches deep in 88 inch double rows, 2 feet apart for dwarf sorts, 3 feet for the tall.

25 Pounds and 50 Pounds at 100 Pound Rate

| | Pkt. | 1 lb. | 5 lbs. | 10 lbs. | 100 lbs. |
|---|------|-------|--------|---------|----------|
| Laxton's Superb (61 days) The earliest large-podded dwarf | 10c | 30c | \$1.40 | \$2.50 | \$20.00 |
| Little Marvel (64 days) An old favorite with 3 inch pods | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Nott's Excelsior (62 days) Resembles American Wonder | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Premium Gem w.r. (61 days) A good early sort. Dwarf | 10c | 30c | 1.40 | 2.50 | 20.00 |
| American Wonder (61 days) An old productive early dwarf | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Hundredfold (64 days) An attractive early large pod.... | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Laxtonian (64 days) large pod dwarf variety | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Progress (60 days) early dwarf | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Little Gem (65 days) popular for home use | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Early June, early and very sweet | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Alaska (57 days) smooth, small seed | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Telephone (71 days) 4½ ft. vine, pod large | 10c | 30c | 1.40 | 2.50 | 20.00 |
| White Marrowfat (70 days) | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Everbearing (75 days) | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Dwarf Telephone (65 days) | 10c | 30c | 1.40 | 2.50 | 20.00 |
| Thomas Laxton (62 days) vine 3 feet | 10c | 30c | 1.40 | 2.50 | 20.00 |

PARSNIPS

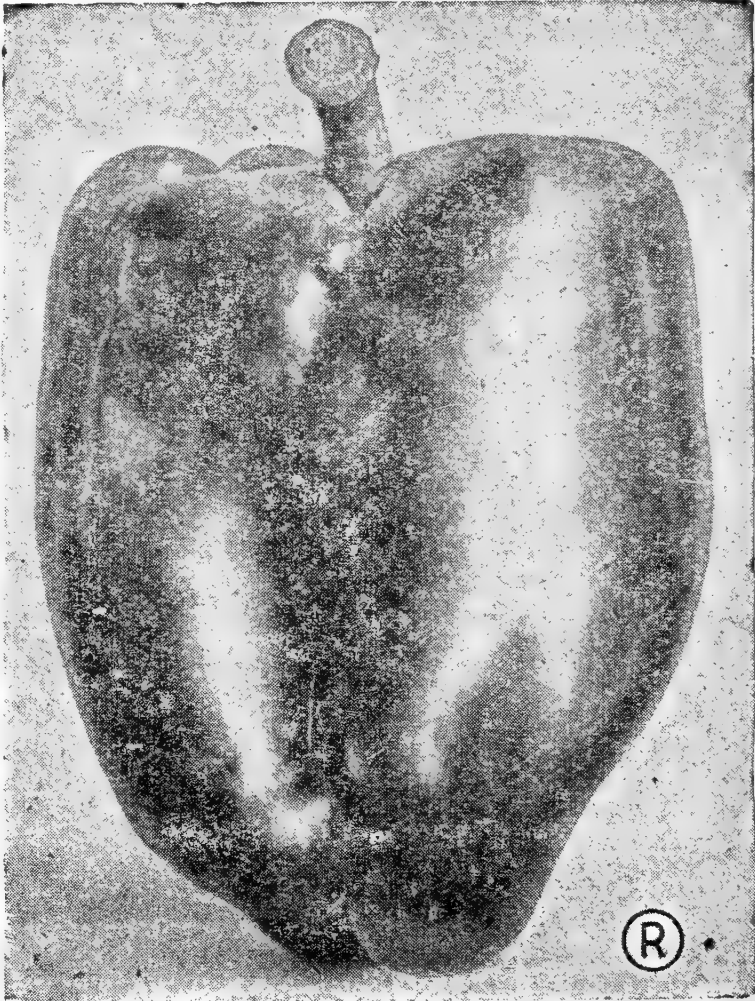
Parsnips thrive in rich soil, deeply dug. Drill 18 inches apart, as soon as the ground can be worked. The roots are improved by frost, and as they are very hardy, may be allowed to remain in the ground all winter.

IMPROVED HOLLOW-CROWN. The roots are of medium length, with a broad shoulder.
OUR PRIDE. The skin is white, smooth, and attractive.

| Pkt. | 1 oz. | ¼ lb. | 1 lb. |
|------|-------|-------|--------|
| 10c | 15c | 50c | \$1.50 |
| 10c | 15c | 50c | 1.50 |

PEPPERS

Pepper seed is light yellow, about the shape of tomato seed, but flat, hard, and about ⅛ inch in diameter. It may be sown in the hotbed in March or April, and later transplanted to 3-inch pots until the ground is warm enough to permit setting in the garden. Set plants 3 inches deeper than they were in the pots and 2 feet by 18 inches apart in the drill. Sow seed outdoors after all danger of frost is past, four or five seeds to the hill, and at distances above given. Thin to one plant when well up.



| | | Pkt. | Oz. | ¼ lb. | 1 lb. |
|--|-----------|------|-----|--------|--------|
| Penn Wonder | (65 days) | 10c | 80c | \$2.50 | \$8.00 |
| California Wonder, 4 lobed, large | (75 days) | 10c | 80c | 2.50 | 8.00 |
| Chinese Giant | (79 days) | 10c | 60c | 2.00 | 6.00 |
| Bull Nose, large deep green | (69 days) | 10c | 50c | 1.50 | 5.00 |
| Missouri Wonder, early Calwonder | (75 days) | 10c | 80c | 2.50 | 8.00 |
| Crimson Monarch Improved, Ruby King | (69 days) | 10c | 80c | 2.50 | 8.00 |
| Harris Early Giant, very early | (63 days) | 10c | 60c | 2.00 | 6.00 |
| World Beater, large 4 lobed | (75 days) | 10c | 60c | 2.00 | 6.00 |
| Ruby King, good producer | (69 days) | 10c | 50c | 1.50 | 5.00 |
| Anaheim Chili, long hot pepper | (80 days) | 10c | 60c | 2.00 | 6.00 |
| Small Chili, small hot pepper | (82 days) | 10c | 60c | 2.00 | 6.00 |
| Hungarian Wax | (65 days) | 10c | 60c | 2.00 | 6.00 |
| Long Red Cayenne | (70 days) | 10c | 60c | 2.00 | 6.00 |
| Red Cherry | (75 days) | 10c | 60c | 2.00 | 6.00 |

Due to World Conditions and Crops, We Reserve the Right to Limit Quantities, also to Change Prices Without Notice.

PUMPKINS

Plant the seed in April or May, in hills 6 by 6 feet or more in the garden, using nine or ten seeds to a hill and thinning to the best three when the plants are well up. May also be grown among hills of corn.

CONNECTICUT FIELD: One of the best for field planting, being largely grown for stock feeding.

| | | | |
|------|-------|-------|--------|
| Pkt. | 1 oz. | ¼ lb. | 1 lb. |
| 10c | 15c | 50c | \$1.50 |

GREEN STRIPED CUSHAW: The rich yellow, close-grained, sweet, tender flesh has made this a favorite. The skin is striped with mottled green bands of creamy white.

| | | | |
|-----|-----|-----|------|
| 10c | 15c | 50c | 1.50 |
|-----|-----|-----|------|

Large Cheese (Kentucky Field): Particularly prized for the home-garden because of its thick, fine-flavored flesh and good keeping qualities.

| | | | |
|-----|-----|-----|------|
| 10c | 15c | 50c | 1.50 |
|-----|-----|-----|------|

SMALL SUGAR (New England Pie): One of the best pie Pumpkins. The fruits are but 10 inches in diameter, but what they lack in size they more than make up in quality.

| | | | |
|-----|-----|-----|------|
| 10c | 20c | 50c | 1.50 |
|-----|-----|-----|------|

WHITE CUSHAW C. moschata: Smaller, and with shorter, straighter neck than other Cushaw types. Exterior color nearly white.

| | | | |
|-----|-----|-----|------|
| 10c | 15c | 50c | 1.50 |
|-----|-----|-----|------|

KING OF THE MAMMOTHS: The popular exhibition Pumpkin that usually is the prize-winner at the fairs. It is not unusual for a specimen to weigh 60 pounds.

| | | | |
|-----|-----|-----|------|
| 10c | 20c | 50c | 1.50 |
|-----|-----|-----|------|

RADISH

For well-shaped radishes the ground should be thoroughly pulverized and enriched with some well-rotted manure and fertilizer. Fresh manure must not be used. First sowings are made very early, as the radish is hardy, and successive sowings up to hot weather. To avoid pithiness the crop should be grown quickly and pulled promptly when mature. Rows are 12-15 inches apart and sown ½ inch deep, allowing one ounce to 100 feet or 10-12 lb. to the acre.

Comet Globe: 21 days. Tops small; roots deep red.

Crimson Giant: 28 days. A larger globe sort. 1½ to 1¾ inches.

Early Scarlet Globe, Rice's Medium Top: 24 days.

Early Scarlet Globe, Short Top: 23 days.

Early Scarlet Turnip White Tip (Sparkler): 26 days.

French Breakfast: 25 days. Oblong shape.

Long Scarlet, Short Top: Deep scarlet.

Saxa: 22 days. Tops small, roots spherical.

White Strasburg: 39 days. For summer markets.

White Icicle: 27 days. Roots 5½ inches, tapering, very white and brittle.

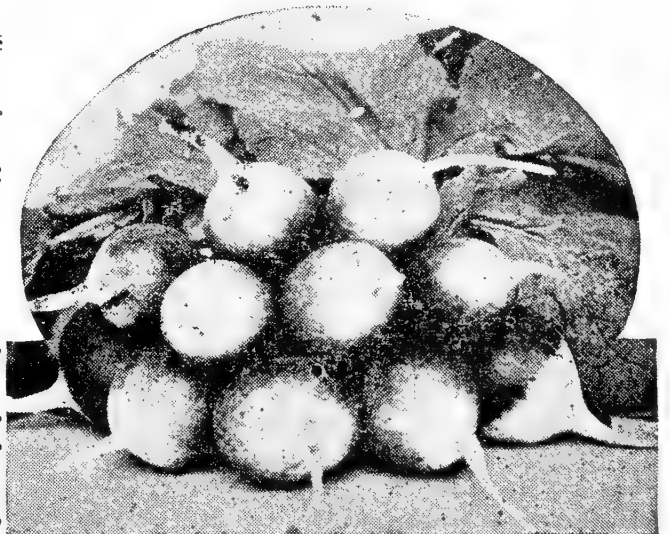
Red Cherry: 24 days. Deep red.

Scarlet Globe: Vicks imported, olive shape.

White Box: 28 days. Round, white.

Fire Cracker: 27 days. Long, red.

Chartier: Summer variety. 27 days. Long, red, white tip.



All Radish Seed

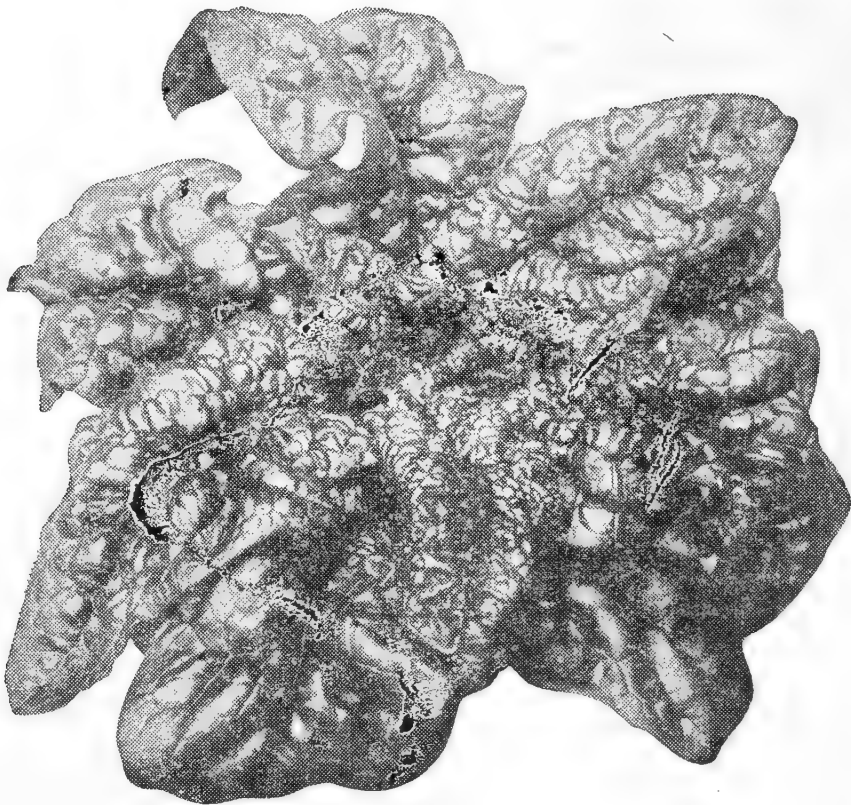
| Pkt. | Oz. | ¼ lb | 1 lb | 5 lb | 10 lb. | 100 lb. |
|------|-----|------|--------|--------|--------|---------|
| 10c | 15c | 35c | \$1.00 | \$4.50 | \$8.00 | \$75.00 |

25 Pounds at 100 Pound Rate

WINTER VARIETIES

Chinese Rose Winter (Scarlet China) 52 days. **Round Black Spanish:** 56 days. A fine keeper.

California White Mammoth: 56 days. Long, white. **Long Black Spanish:** 58 days. Slightly tapered.



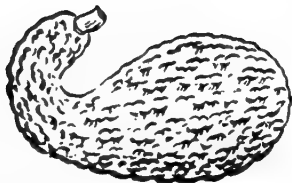
SPINACH

Spinach demands rich, light soil. Sow seed in early spring, 1 inch deep, in rows 12 inches apart, and make additional sowings every two weeks for a succession. For fall use, sow in August, and for a winter crop, in September.

| | | | | | | | | |
|--|---|------|-----|--------|--------|--------|---------|---------|
| Subject to being sold | | | | | | | | |
| Bloomdale Reselected, dark green, curled | } | Pkt. | Oz. | ¼lb | 1lb | 5 lb | 10 lb. | 100 lb. |
| Longstanding Savoy, slow seeding variety | | 10c | 10c | \$.25 | \$.60 | \$2.50 | \$ 4.50 | \$40.00 |
| Gaudry Giant, smoothed leaved variety | | | | | | | | |
| New Zealand, summer spinach | | 10c | 25c | .75 | 2.50 | 10.00 | 20.00 | ASK |
| 25lb at 100lb rate | | | | | | | | |

One ounce will sow about 50 feet of drill

SQUASH



The Squash requires a good, rich soil. Plant seeds of Bush Squashes in hills 3 to 4 feet apart, 8 or 9 seeds to a hill, and thin out to four plants when danger of bugs is past. Sow vining sorts 6 to 8 feet apart each way.

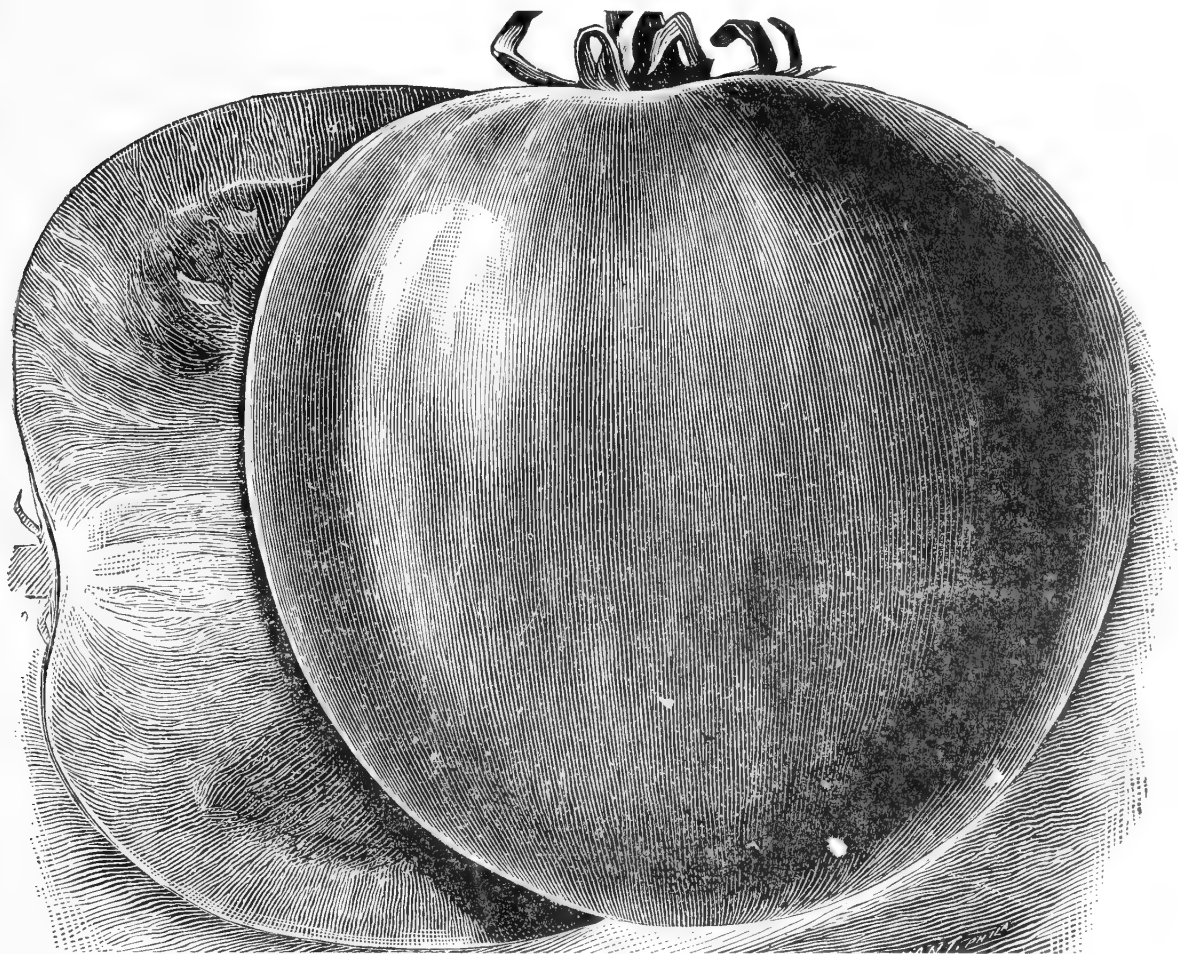
One ounce of early Squash seed will plant about 25 hills; one ounce of Marrow Squash, about 50 hills.

| | Pkt. | 1 oz. | ¼ lb. | 1 lb. |
|---|------|-------|-------|--------|
| Mammoth White Bush, early scalloped | 10c | 20c | 60c | \$2.00 |
| Golden Summer, crookneck | 10c | 20c | 60c | 2.00 |
| Golden Summer, straightneck | 10c | 20c | 60c | 2.00 |
| Banana | 10c | 20c | 60c | 2.00 |
| Chicago Warted Hubbard | 10c | 20c | 60c | 2.00 |
| Golden Hubbard | 10c | 20c | 60c | 2.00 |
| Table Queen, acorn shaped | 10c | 20c | 60c | 2.00 |
| Spaghetti | 10c | 20c | 60c | 2.00 |
| Cocozelle Italian, 2 to 3 ft., pale green | 10c | 20c | 60c | 2.00 |
| Italian Vegetable Marrow, Zucchini | 10c | 20c | 60c | 2.00 |

FOR LARGER QUANTITIES ASK FOR PRICES

VIGORO Supplies All Plants 11 Vital Elements

Due to World Conditions and Crops, We Reserve the Right to Limit Quantities, also to Change Prices Without Notice.



TOMATO

Sow in hotbeds or indoor flats using fresh soil. Keep the young plants free of insects and about 6 weeks later when danger of frost is past transplant to reasonably rich soil, setting the plants 3-4 ft. apart. Various methods of staking and training the vines are in use and the grower should study these and adopt the one best suited to his acreage. One ounce will make 1500-2000 plants and 5000-6000 plants are needed to set an acre. * For Staking or Vining.

| | Pkt. | Oz. | ¼ lb. | lb. |
|---|------|--------|--------|--------|
| Purple King , pink fruit, globe * (100 days) | 10c | \$.75 | \$2.50 | \$8.00 |
| Dwarf Champion, pink tree type (110 days) | 10c | 1.00 | 3.50 | 12.00 |
| Dwarf Ponderosa, pink tree type.....(110 days) | 10c | 1.00 | 3.50 | 12.00 |
| Tall Ponderosa, pink, large fruit * (115 days) | 10c | 1.00 | 3.50 | 12.00 |
| Trucker's Favorite, pink, medium.....(115 days) | 10c | .75 | 2.50 | 8.00 |
| Oxheart, extra large pink.....(120 days) | 10c | 1.00 | 3.50 | 12.00 |
| Earliana, scarlet fruit.....(90 days) | 10c | .75 | 2.50 | 8.00 |
| Break O' Day , medium size, light red * (98 days) | 10c | .75 | 2.50 | 8.00 |
| Super Break O' Day * (95 days) | 10c | 1.00 | 3.00 | 10.00 |
| Chalks Early Jewel, or Red Head (100 days) | 10c | .75 | 2.50 | 8.00 |
| Bonny Best, scarlet fruited.....(100 days) | 10c | .75 | 2.50 | 8.00 |
| Rutgers Certified , bright red * (100 days) | 10c | .60 | 2.00 | 7.00 |
| Goliath, scarlet * (80 days) | 25c | 3.00 | | |
| Pan-American * (100 days) | 10c | 1.00 | | |
| Pritchard, red wilt resistant * (110 days) | 10c | .50 | 1.50 | 5.00 |
| Scarlet Dawn , deep red, wilt resistant * (98 days) | 10c | .75 | 2.50 | 8.00 |
| Crimson Cushion or Beef Steak.....(110 days) | 10c | 1.00 | 3.50 | 12.00 |
| Dwarf Stone, tree type.....(115 days) | 10c | 1.00 | 3.50 | 12.00 |
| New Stone, scarlet fruit.....(115 days) | 10c | .50 | 1.75 | 6.00 |
| Golden Ponderosa (115 days) | 10c | 1.00 | 3.50 | 12.00 |
| Yellow Plum (120 days) | 10c | 1.00 | 3.00 | |
| Yellow Pear (120 days) | 10c | 1.00 | 3.00 | |
| Red Pear (120 days) | 10c | 1.00 | 3.00 | |
| Super Globe * (100 days) | 10c | 1.00 | 3.00 | 10.00 |
| L. & A. Special * (100 days) | 25c | 3.00 | | |
| Stokesdale * (100 days) | 10c | .75 | 2.50 | 8.00 |
| Certified Marglobe * (100 days) | 10c | .90 | 3.00 | 10.00 |
| Super Bonny Best * (98 days) | 10c | 1.00 | 3.00 | 10.00 |
| Ground Cherry (100 days) | 10c | 1.00 | | |
| Matchless (120 days) | 10c | .50 | 1.50 | 5.00 |
| Greater Baltimore (100 days) | 10c | .75 | 2.50 | 8.00 |
| Detroit (110 days) | 10c | .75 | 2.50 | 8.00 |
| Firesteel (80 days) | 10c | 1.00 | 3.00 | 10.00 |
| Golden Queen (115 days) | 10c | 1.00 | 3.00 | 10.00 |

TURNIP

For summer greens or roots sow early in drills 12-15 inches apart for hand cultivation; 24 inches apart for horse cultivation, and press the soil down firmly. Thin out when the plants have grown to about 1 inch high. Sow again in the summer for fall and winter use. Allow one ounce for 100 feet of row, 2-3 pounds per acre.

| | Pkt. | Oz. | ¼ lb. | 1 lb. |
|--|------|-----|-------|--------|
| Purple Top Milan, very early, flat..... | 10c | 15c | 25c | \$1.00 |
| White Milan, early flat..... | 10c | 15c | 25c | 1.00 |
| Snowball, round and early..... | 10c | 15c | 25c | 1.00 |
| Purple Top Strapleaf, flat, medium size..... | 10c | 15c | 25c | 1.00 |
| Amber Globe, yellow and sweet | 10c | 15c | 25c | 1.00 |
| Purple Top White Globe, imported..... | 10c | 15c | 25c | 1.00 |
| Seven Top for Greens | 10c | 15c | 25c | 1.00 |

(Five Pounds and over 10c less per Pound)

RUTABAGA

| | Pkt. | 1 Oz. | ¼ lb. | 1 lb. |
|---------------------------------|------|-------|-------|--------|
| Giant Yellow Swede..... | 10c | 15c | 35c | \$1.00 |
| American Purple Top Yellow..... | 10c | 15c | 35c | 1.00 |

MISCELLANEOUS

| | Pkt. | Oz. |
|-------------------------|------|------|
| Celeriac | 10c | 25c |
| Chives | 10c | 1.00 |
| Collards | 10c | 15c |
| Cress Upland | 10c | 1.00 |
| Cress, True Water | 10c | 60c |
| Rhubarb | 10c | 20c |
| Salsify | 10c | 50c |

TOBACCO

| | | |
|---------------------------|-----|-----|
| Missouri Broad Leaf | 10c | 50c |
| White Burley | 10c | 50c |
| Havana | 10c | 50c |
| Judy's Pride | 10c | 50c |

SWEET HERBS

| | |
|----------------------|-----|
| Anise | 10c |
| Sweet Basil | 10c |
| Borage | 10c |
| Caraway | 10c |
| Cardoon | 10c |
| Coriander | 10c |
| Dill | 10c |
| Sweet Fennel | 10c |
| Horehound | 10c |
| Lavender | 10c |
| Sweet Marjoram | 10c |
| Sage | 10c |
| Summer Savory | 10c |
| Thyme | 10c |
| Sorrel | 10c |

EDIBLE SOY BEANS

Bansei. 90 days. Plants erect and of medium height, very prolific, well adapted for short season areas. Beans glossy yellow, elliptical, of mild and pleasing flavor.

Hokkaido. 98 days. Plant erect and of medium height. Pods large, gray. Beans large, almost spherical, yellowish, of nut-like flavor. A good midseason variety, green or dry.

Imperial. 107 days. A prolific late type. Plant tall and fairly erect. Pods large. Beans glossy yellow, almost spherical, of pleasing flavor.

Higan. 112 days. For areas of longer season. Pods medium; beans yellowish with brown eye, of medium size.

EDIBLE PODDED PEAS

Known also as sugar or salad peas. The large, broad, fleshy pods are picked when young and used in the same way as snap beans.

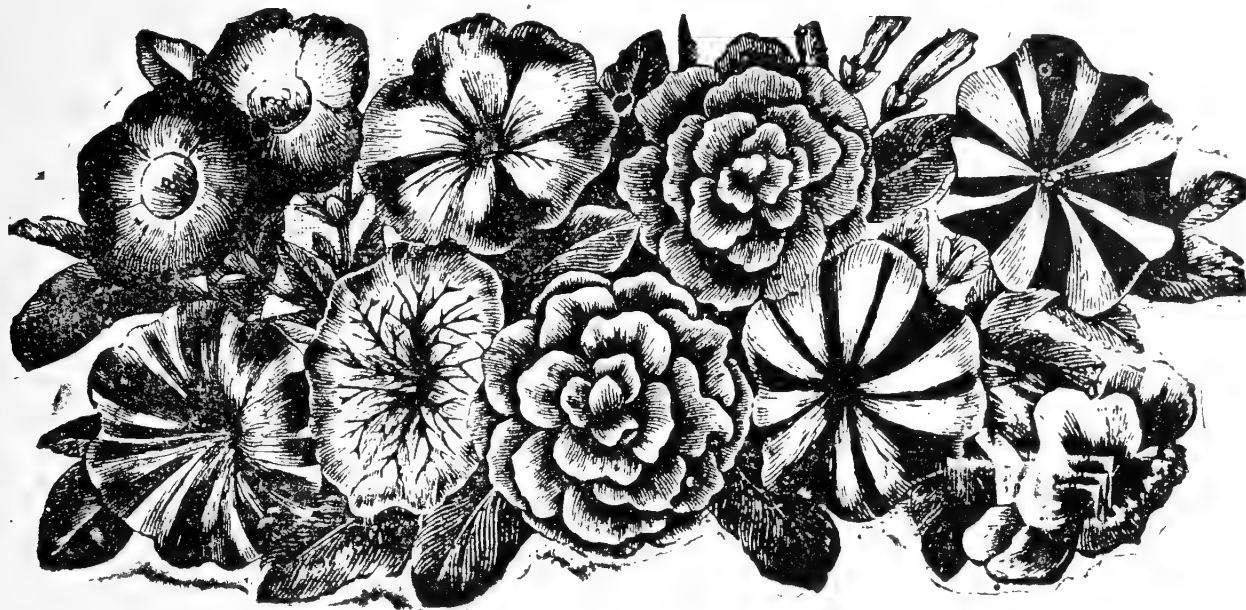
Dwarf Grey Sugar w. r.: 65 days. Earlier than the Mammoth but not so fine. 1 lb. 35c.

Mammoth Melting Sugar w. r.: 74 days. The best of the edible podded sorts for home and market gardens. Broad, brittle pods, 4½ inches long, stringless and fiberless. 1 lb., 35c.

Brown Crowder (Sugar Crowder): 45 days Long pods, crowded with 12 to 20 buff-brown, well flavored peas. One of the earliest and most prolific varieties, excellent also as a forage crop and soil improver. 1 lb., 35c.

THE ANTOINE SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

FLOWER SEEDS



ANNUALS

A.—Annuals are plants that flower, seed and die within the year. Hardy Annuals will stand some frost. Half hardy Annuals will stand very little frost. Tender Annuals will not stand frost, and should be planted in boxes in protected places, ready to transplant in the open as soon as frost is past.

BIENNIALS

B.—Biennials are plants that flower during the season after planting, then seed, and die. Biennials will stand some frost. They should be seeded in time to be transplanted out during good weather, to get well established before frost.

PERENNIALS

C.—Perennials are plants that flower the following season after planting and continue from year to year. In most cases, propagation may also be made by dividing the roots from full grown plants. There are hardy Perennials, half hardy Perennials and tender Perennials. Seeds of most Perennials should be planted in late summer or early fall, so as to become well established plants before they are transplanted to permanent locations.

FLOWERS BEST ADAPTED TO VARIOUS USES

| For Cut Flowers | For Fragrance | For Rock Gardens | For Partial Shade |
|-------------------------------------|-------------------------|---------------------|---------------------------------|
| Antirrhinum (Snap Dragon) | Alyssum | Alyssum | Balsam |
| Aster | Candytuft | Columbine | Campanula |
| Calendula | Carnation | Carnation | Centaurea |
| Candytuft | Centaurea | Campanula | Clarkia |
| Carnation | Petunia | Candytuft | Columbine |
| Centaurea Imperialis (Sweet Sultan) | Stock | Dianthus | Godetia |
| Chrysanthemum | Sweet Peas | Gilia | Pansy |
| Clarkia | Sweet William | Gypsophila | Sweet William |
| Columbine | | Phlox | For Withstanding Drought |
| Cosmos | For Window Boxes | Portulacca | Candytuft |
| Gaillardia | Antirrhinum | Swan River Daisy | Cosmos |
| Gypsophila | Geranium | Verbena | Four o'Clock |
| Marigold | Morning Glory | For Climbing | Hollyhock |
| Nasturtium | Nasturtium | Kudza Vine | Petunia |
| Shasta Daisy | Petunia | Canary Bird Vine | Portulacca |
| Stock | Phlox | Cypress Vine | Verbena |
| Sweet Peas | Verbena | Morning Glory | Zinnia |
| Zinnia | | Sweet Peas | |
| | | Balsam Apple | |

Plants, other than climbers, given as being 3 feet or more in height, may be used as backgrounds; 2 to 3 feet for borders; 10 to 20 inches for bedding and borders; less than 10 inches for edgings.

AGERATUM (Floss Flower)-A

One of the most popular summer blooming plants grown from seed, being literally covered with flowers from early summer until frost.

Blue Ball. The deepest blue; 6 in.

Pkt., 10c; $\frac{1}{8}$ oz., 70c.

Purple Perfection. Darkest flowers of all the blue. 9 in. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

ALYSSUM-A

Useful for borders and window boxes. **Carpet of Snow.** Of creeping habit. 4 in.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Lilac Queen. A dwarf, compact variety with deep lilac-colored flowers. 6 in.

Pkt., 10c; $\frac{1}{8}$ oz., 45c.

Little Gem. White. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Saxatile Compactum (Gold). 10c; $\frac{1}{8}$ oz., 35c.

Violet Queen. Pkt., 10c; $\frac{1}{8}$ oz., 45c.

ANTIRRHINUM (Snapdragon)-A MAXIMUM GIANT FLOWERED

Snapdragons have been improved in size and color. They are hardy and should be sown early.

Tall, large, flowering, 24 inches.

Appleblossom. Delicate pink with a yellow lip.

Canary Bird. Canary yellow, golden yellow lip.

Copper King. A velvety copper scarlet.

Snowflake. Pure white, yellow tube.

The Rose. Rose-pink.

Maximum Mixed. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

AQUILEGIA (Columbine) - C

A hardy perennial, about 2 feet high and bearing a variety of blossoms on long, smooth stems.

Mrs. Scott Elliotts' Lonk Spurred.

Pkt., 10c;
 $\frac{1}{8}$ oz., \$1.90.

Dobbies Improved Hybrid. Pkt. 10c
 $\frac{1}{8}$ oz., \$1.90.

Imperial Hybrid Mixed. Pkt. 10c;
 $\frac{1}{8}$ oz., \$1.50.



ARCTOTIS (African Daisy)

Grandis. A remarkably handsome annual which forms bushes 2 to 3 feet high and blooms in a sunny location from July until frost. Its flowers are large and showy, being pure white with a narrow yellow zone at the base; the reverse of petals is pale lilac-blue.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

ASTER - A

Wilt Resistant. Height 1 - 2 feet

Sow in frames in early spring and transplant. Cover seed not more than one-eighth inch. Or seed may be sown in open when danger of frost is past.

Queen of the Market Mix. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

American Barnching Mix. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Ball Deep Rose. Pkt., 10c; $\frac{1}{8}$ oz., 70c.

Ball Purple. Pkt., 10c; $\frac{1}{8}$ oz., 70c.

Ball Early White. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

Heart of France (Rich Red). Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

Imbricated Pompon Mix. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

BALLOON VINE - A

(Love-in-a-Puff). An easy and quick growing annual climber. 10 to 15 feet.

Pkt., 10c.

BALSAM

(Lady Slipper or Touch-Me-Not)

Half Hardy Annual. Height 2 feet. An old and favorite garden flower. Brilliant colored double flowers. Double

Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

BALSAM APPLE

(Momordica Balsamina) Climber.

The lacy foliage of this climber furnishes an excellent background for the yellow flowers which are followed by peculiar dangling fruits. As they mature they turn brilliant red.

Pkt., 10c; $\frac{1}{8}$ oz., 30c.

BEGONIA

Luminosa. Deep scarlet red foliage.

Pkt., 50c.

Prima Donna. Rose pink.

Pkt., 50c.

BELLIS PERENNIS

6 to 8 Inches. Perennial.

A low growing spring flowering plant. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years if left undisturbed. Double mixed.

MONSTROSA IMP. GIANT DOUBLE RED - C

This is the very finest, very largest flowering, extra-double strain of Double Daisy.

BLACK-EYED SUSAN (see Thunbergia)

BLUE LACE FLOWER (Didiscus) - A

Pretty annual, grows into an upright, much branched plant, about 2 feet high, blue flowers.

Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CALENDULA (Pot Marigold) - A

Extra Hardy Annual, 1 Foot.

A splendid annual for all purposes, flowering freely throughout summer and fall.

Fine Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Ball's Orange. Large double flowers.

Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Ball's Lemon Queen. Golden lemon; dark center. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Orange Shaggy. Deep orange shading lighter at center; petals deeply fringed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

CALLIOPSIS (Tick Seed)-A

Masses of rich golden, red and brown flowers. Excellent for cutting. Height 1 to 2 feet.

Hardy Annual. All mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.



CANDYTUFT (Umbellata)-A

Hardy Annual. Height 1 Foot

Showy, branching plants, bearing in profusion terminal clusters of beautiful single cruciform flowers in a wide range of colors.

Giant White Hyacinth Fl. Pkt., 10c; $\frac{1}{8}$ oz., 30c.

Best Mixed. All colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Lilac. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Rose. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

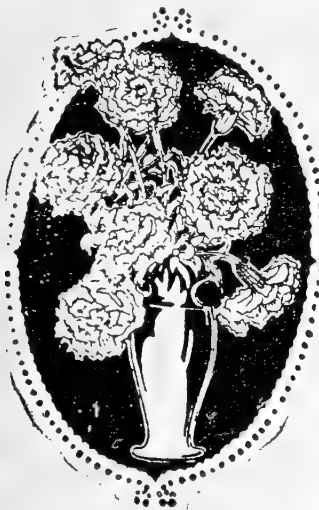
CANTEBURY BELLS — A

Mixed Hybrids. Pkt., 10c; $\frac{1}{8}$ oz., 35c
 Calycanthema (Cup and Saucer). Pkt., 10c; $\frac{1}{8}$ oz., 65c.

CARDINAL CLIMBER

A brilliant and beautiful vine which grows 30 feet high, with fern-like foliage and cardinal-red flowers.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

CARNATION

The seed may be sown thinly $\frac{1}{4}$ inch deep in fine soil in the open, though it is better to start the seed indoors, or in a hot-bed in early spring. Plant out when conditions permit, 12 inches apart.

Chabaud's Giant Mixed. This popular hardy carnation blooms five months after sowing and continues to flower profusely.

Pkt., 10c; $\frac{1}{8}$ oz., 1.00

Marguerite Finest Mixed. The plants bloom in 4 months. Flowers large, double, deeply fringed, fragrant, and appear in very attractive shades of color.

Pkt., 10c; $\frac{1}{8}$ oz., 70c.

CASTOR BEAN (See Ricinus)**CELOSIA - A****(CRISTATA COCKSCOMB)**

Free blooming, graceful plants, producing large ornamental, comb-like heads 1 to 1 $\frac{1}{2}$ feet.

Dwarf Fine Mix. Pkt., 10c; $\frac{1}{8}$ oz., 55c.

Tall Fine Mix. Pkg., 10c; $\frac{1}{8}$ oz., 30c.

President Thiers. Green Foliage.

Pkt., 10c; $\frac{1}{8}$ oz., 65c.

PLUMOSA - A**(FEATHERED COCKSCOMB)**

Resembles feathery plumes. The plants are from 2 to 3 feet high and usually in bloom all summer. The plumes may be dried for winter bouquets.

Pkt., 10c; $\frac{1}{8}$ oz., 45c.

(CHINESE WOOLFLOWER)

Childsi. A distinct type of the Plumed Celosia.

Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CENTAUERA - A**CYANUS (Cornflower, Bachelor's Button)**

Also known as Ragged Sailor, Blue Bottle and Ragged Robin. A most delightful old-time annual that blooms all summer till frost, 1 to 2 feet high.

Blue Boy. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Red Boy. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Double Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

IMPERIALIS GIANT SWEET SULTAN-A

Big thistle-like blooms with pleasing fragrance. Finest mixed colors.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

(WHITE-LEAVED CENTAUREAS)

Gymnocarpa (Dusty Miller). A favorite perennial for edging beds and borders.

Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Candidissima (Dusty Miller) Downy silvery foliage. Half-hardy annual; 15 inch

Pkt., 10c, $\frac{1}{8}$ oz., 50c.

CHEIRANTHUS - C

Allioni (Siberian Wallflower). Dazzling fiery orange flower-spikes on plants 12 inches high.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

CHINESE LANTERN PLANT - C

Physalis Franchetti. This beautiful little plant is grown chiefly for the orange-scarlet lantern-like fruit. 2 feet high.

Pkt., 10c., $\frac{1}{8}$ oz., 50c

CHRYSANTHEMUMS (Painted Daisy)**SINGLE ANNUAL - A**

These bloom profusely from early summer until frost.

Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CLARKIA - A

This pretty annual, of easy cultivation, succeeds well in any garden soil. They are especially attractive in masses, and fine for outdoors

Elegans, Double. Pkt., 10c; $\frac{1}{8}$ oz., 65c.

COBAEA SCANDENS**(Cathedral Bells) - A**

One of the handsomest rapid growing climbers. The bell-shaped flowers open a clear green, but turn lilac.

Pkt., 10c; $\frac{1}{8}$ oz., 35c.

COIX JOBES TEARS - A

An ornamental grass with curious seed which may be used for beads.

Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 70c.

COLEUS - A

The handsomest foliage plant obtained from seed.

Pkt., 50c.

CONVOLVULUS (Morning Glory)

Major Finest Mixed. 15 feet. Pkt., 10c.

COREOPSIS (Hardy Perennial)

This is one of the finest hardy plants, with large, showy, bright yellow flowers, produced in the greatest abundance from June till frost.

Mayfield Giant. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Lancelot. (Calif. Sunshine) $\frac{1}{8}$ oz., 25c.

Vigoro for Lawns, Flowers, Shrubs, Trees, Vegetables

COSMOS - A

Grace and brilliancy are the characteristics of Cosmos.

Sensation Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 20c.
Late Flowering. Pkt., 10c; $\frac{1}{4}$ oz., 25c.
Orange Flare. Pkt., 10c; $\frac{1}{8}$ oz., 20c.
Extra Early Double Crested. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

CYPRESS VINE (Ipomoea Quamoclit)

Half Hardy Annual Climber, 15 Feet
Fine Mixed. No Price.

DAHLIAS - A

Unwin's Dwarf Semi-Double Hybrids.
Mixed. In three months from seed the dwarf, compact plants hold a wealth of semi-double Dahlias. Two feet high, require no stakes and can be spaced 20 inches apart.

Pkt., 35c; 1-16 oz., 70c.

DELPHINIUM (Hardy Larkspur) - C

One of the most showy and useful hardy perennial plants, possessing almost every requisite for the adornment of the garden.

Belladonna. Light blue. Pkt., 10c; 1-16 oz., \$1.00.
Bellamosum. Dark blue. Pkt., 10c; 1-16 oz., \$1.00.
Chinensis. Tall mixed. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
Chinensis. Dwarf mixed. Pkt., 10c; $\frac{1}{8}$ oz., 30c.
Wrexham Hollyhock. Pkt., 10c; 1-16 oz., \$1.00.
Pacific Giants Pastels. Pkt., 15c; 1-32 oz., \$1.75.
Pacific Giants Mixed. Pkt., 15c; 1-32 oz., \$1.75.

DIANTHUS (Pinks) - A

Height, 1 foot. Hardy annuals. Large flowers of brilliant colors and markings.

Single or Double. Pkt. 10c; $\frac{1}{8}$ oz., 25c.

DIANTHUS PLUMARIUS (Clove Pinks)

Charming summer flowering border plants, clove scented; very fragrant;

Pkt., 10c; $\frac{1}{8}$ oz., 45c.

DIANTHUS BARBATUS - B

Sweet William. A hardy biennial blooming the second year from seed.

Single Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 50c.
Double Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

DIGITALIS (Foxglove) B

A magnificent hardy plant, the immense flower spikes being particularly attractive

Pkt., 10c; $\frac{1}{8}$ oz., 70c.

DOLICHOS (Hyacinth Bean) - A

Half Hardy Annual. 15 Feet

Very rapid growing annual climber, bearing in great profusion, long flower spikes or pea-like blossoms.

Pkt., 10c; 1 oz., 35c.

EUPHORBIA

Variegata (Snow-on-the-Mountain). Very showy with its variegated white and green foliage. Height, 2 feet.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

FOUR O'CLOCK (Marvel of Peru)

Hardy annual, 2 feet high. Large, shrub-like plants with funnel-shaped flowers of many colors. Pink, yellow, red.

Tall Mixed. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c.

GAILLARDIA (Blanket Flower)

Hardy Annual (Picta Double)

Beautiful annuals, very showy plants, 1 to 2 feet high, Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Hardy Perennial

Splendid hardy perennial, invaluable for cutting, and flowering continuously all summer. Colors, yellow and crimson. 1½ to 2 feet high. Mixed.

Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

GEUM - C

Very attractive border or rockery plant valued for the bright red flowers. Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 90c.

GODETIA (Satin Flower)

The plants grow 1 foot high and bloom in great profusion for six weeks.

Dwarf Double Azalea Flowered. Mixed.
Pkt., 10c; $\frac{1}{8}$ oz., 30c.

GOMPHRENA (Globe Amaranth)

Clover Head or Bachelor Button

Entirely different in appearance from any other everlasting flower, and very attractive. Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

GOURDS - A

| | |
|----------------|-----------------------|
| Hercules Club | Turks Turban |
| Bottle | Dipper |
| Dish Cloth | Nest Egg |
| Orange | Large Mixed |
| Calabash | Small Mixed |
| Cave Mans Club | Large and Small Mixed |

Pkt., 10c; $\frac{1}{4}$ oz., 15c; 1 oz., 40c.

We Have Lots of Varieties Not Listed

VIGORO for Lawns, Flowers, Shrubs, Trees, Vegetables

GYPSOPHILA

Elegans Grandiflora Alba (Angel Breath) Annual. Graceful plants of fairy-like growth.

Pkt., 10c; $\frac{1}{2}$ oz., 20c.

Paniculata, Single (Baby's Breath) One of the most useful and graceful of hardy perennial plants. Height, 2 feet.

Pkt., 10c; $\frac{1}{4}$ oz., 30c.

HELICHRYSUM (Strawflower)

Hardy annual of "Everlasting" flowers.

Pkt., 10c; $\frac{1}{8}$ oz., 35c.

HELIOTROPE - A

Much admired border and bedding plants. Elegans Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 55c.

HOLLYHOCKS - C

Double Varieties: Newport Pink, Salmon, yellow, crimson.

All varieties. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Single Mixed. More permanent and hardy than the double.

Pkt., 10c; $\frac{1}{2}$ oz., 40c.

IPOMOEA (Moonflower; Morning Glory)

Soak seed in warm water overnight to assist rapid germination; sow seed late in April.

Heavenly Blue. Bright sky-blue. Pkt., 10c.

Bona Nox. Blue Moonflower. Pkt., 10c.

Noctiflora White. (Moonflower) Pkt., 10c.

White Magic. White flowers. Pkt., 10c.

Scarlet O'Hara. Deep red. Pkt., 10c.

Cornell. Red, white border. Pkt., 10c.

Imperial Mixed. Pkt., 15c.

(large striped flowers, various colors)

KOCHIA

(Summer Cypress, or Mexican Fire Bush)

(Also called Burning Bush)

An ornamental plant, forming dense oval bushes, 2 to 3 feet high.

Pkt., 10c; $\frac{1}{4}$ oz., 25c.

KUDZU VINE

Perennial

A twining vine of rapid growth, growing 40 to 50 feet in one season.

Pkt., 10c,

LANTANA

Annual

A beautiful and most desirable plant, suitable for summer bedding.

Hybrids, Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 65c

LARKSPUR (Annual Delphinium)

Very effective in borders and planted among shrubs.

GIANT DOUBLE STOCK FLOWERED

Azure blue, bright red, dark blue or purple

Pkt., 10c; $\frac{1}{4}$ oz., 20c.

LINUM (Flowering Flax)

Grandiflorum Rubrum. (Scarlet Flax) Free flowering annual. 16 inches.

Pkt., 10c; $\frac{1}{4}$ oz., 15c.

LOBELLA - A

Crystal Palace Compacta. The dwarf sorts are charming plants, adapted for bedding, pots, edging and are effective in masses.

Pkt., 15c; $\frac{1}{8}$ oz., 75c.

LUPINS

Free-flowering, easily grown, with long, graceful spikes of rich and various-colored pea-shaped flowers.

Annual Varieties Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Lupins Russel Strains.

Green Seal. 25 seed Pkt., 50c.

Blue Seal. 100 seed Pkt., 50c.

MARIGOLD

Hardy Annual. Height 2 to 3 Feet

There is no more showy, late summer and fall flower than the Marigold. Unsurpassed for massed beds or clumps in the border.

Little Giant. Very dainty, slender, fern-like foliage. Height, 10 inches.

Pkt., 10c; $\frac{1}{8}$ oz., 50c.

Tall Lemon Queen. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Prince of Orange. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

Guinea Gold. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Harmony. Bright Golden Yellow, rich maroon border. 12 inches in height.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Tall African Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

Yellow Supreme. Lemon yellow. Free flowering. Odorless.

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Dwarf French Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Crown of Gold Odorless. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

Gypsy Jewels. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

Marigold Gigantea. Flowers 5 to 6 inches. plants $2\frac{1}{2}$ to 3 feet.

Orange Sunset. Pkt., 10c; $\frac{1}{8}$ oz., 60c.

MIGNONETTE (Reseda)

Hardy Annual. Height 1 Foot

A few sprays in a bouquet of mixed flowers gives a finishing touch and lovely aroma.

Sweet Scented. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

Plant a Small Border of Kitchen Herbs in Your Garden (Under Miscellaneous)

MYOSOTIS (Forget-Me-Not)

Dainty, sweetly-scented little flowers that appeal to everybody. 8 inches.

Pkt., 10c; $\frac{1}{4}$ oz., 40c;

Chinese Forget-Me-Not. Pkt. 10c $\frac{1}{8}$ oz. 25c

NASTURTIUM (Tropaeolum)

The Nasturtiums deserve every bit of their immense popularity, for they will grow anywhere. The tall or trailing varieties grow quickly and are most useful for screening unsightly spots. The dwarf sorts are fine for edging and massing.

Tall, Mixed. Pkt., 10c; oz., 30c.

Dwarf, Mixed. Pkt., 10c; oz., 30c.

DOUBLE GLEAM NASTURTIUMS - A

Glory Gleam Hybrids. The colors in this mixture show a glorious assortment of brilliant shades; salmon, golden yellow, orange-scarlet, cerise, orange, maroon, cream-yellow, crimson and many spotted varieties.

Pkt., 10c; 1 oz., 40c. Mixed only

Scarlet Gleam. When grown in masses, the flowers resemble a fiery carpet

Pkt., 10c; 1 oz., 40c.

Golden Gleam. This lovely yellow is still the leading variety.

Pkt., 10c; oz., 40c.

Dwarf Double Golden Globe. Compact, free flowering.

Pkt., 10c; 1 oz., 40c.

NICOTIANA

(Sweet-Scented Flowering Tobacco)

Affinis (Red Shades). Handsome bedding plant.

Pkt., 10c; $\frac{1}{8}$ oz., 20c.

PANSIES

Beautiful free-flowering plants succeeding best in cool locations, though they also flourish even in dry, warm positions if the ground is well prepared. For early spring blooming, sow during fall in the open or in frames.

Engleman Giant. The flowers are gigantic size, perfectly round.

Pkt., 25c; $\frac{1}{8}$ oz., \$1.75.

Supreme. A mixture of Giant Pansies unrivaled for diversity of coloring.

Pkt., 25c; $\frac{1}{4}$ oz., \$3.50, 1 oz., \$12.00.

Swiss Giant. Pkt., 25c; $\frac{1}{4}$ oz., 3.50; oz., \$12.

Fine Mixed. It is a mixture consisting of splendid assortment from leading varieties

Pkt., 25c; $\frac{1}{8}$ oz., \$1.50; 1 oz., \$7.50.

PETUNIAS - C

One of our finest bedding plants, useful alike for massed bedding or as edging to taller plants. As the seed is extra fine, merely press it firmly into the top of well-prepared soil, and cover with newspaper, removing it as soon as the seed germinates.

Special Mixed. Many varieties. Pkt., 10c; $\frac{1}{8}$ oz., 75c.

General Dodds. Blood red. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Rosy Morn. Rose with white throat. Pkt., 10c; $\frac{1}{8}$ oz., 70c.

Rose of Heaven. Brilliant rose. Pkt., 10c; 1-16 oz., 50c.

Celestial Rose. Deep rose. Pkt., 10c; 1-16 oz., 50c.

Blue Bedder. Medium blue. Pkt., 10c; 1-16 oz., 45c.

Cream Star. Creamy white. Pkt., 10c; 1-64 oz., 50c.

Violaacea. Deep violet. Pkt., 10c; 1-32 oz., 35c.

Howard's Star. Purple with white star. Pkt., 10c; 1-16 oz., 40c.

Balcony Blue. Deep blue. Pkt., 15c; 1-32 oz., 50c.

Black Prince. Deep velvety red. Pkt., 15c; 1-64 oz., 40c.

Elks Pride. Royal purple. Pkt., 25c; 1-64 oz., 50c.

Giants of California. Large ruffled. Pkt., 25c; 1-64 oz., \$2.50.

Fluffy Ruffles. Heavy ruffled. Pkt., 25c; 1-64 oz., \$2.00.

Ramona. Ruffled, dark shades. Pkt., 25c; 1-64 oz., \$2.50.

PHLOX (Drummondii) - A

Hardy Annual. Height 1 foot.

Very attractive, flowers being produced in great abundance and continuously through the season.

Grandiflora. Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 75c.

Grandiflora. Scarlet, Flesh, Yellow, Rose.

Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

Gigantea. Art Shades. Pkt. 15c; $\frac{1}{8}$ oz., 1.00

Star Shaped. Compact and Dwarf. Pkt., 15c.

HARDY PERENNIAL PHLOX

Decussta Finest Mixed.

POPPY (Annual)

Shirley. Large single pink, red shades, 20 in. Pkt., 10c; $\frac{1}{8}$ oz., 20c.

Double Shirley. Mixed, 2 feet

Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Annual Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 50c.

CALIFORNIA POPPY (Eschscholtzia)

Hardy Annual. Height 1 foot.

Mixed. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

PERENNIAL VARIETIES

Iceland. Height, 15 inches. Elegant free-flowering. Mixed colors.

Pkt., 10c; 1-16 oz., 65c.

Oriental, Scarlet The Large Oriental Poppy

Pkt., 10c; 1-16 oz., 90c.

Oriental Mixed. Saved from a large number of named sorts.

Pkt., 10c; 1-16 oz., 90c.

PORTULACA (Rose Moss) - A

One of the best hardy annuals. Easy to cultivate; thrives best in sunny location.

Single Mixed.

Pkt., 10c; $\frac{1}{8}$ oz., 90c.

Double Mixed.

Pkt., 15c; $\frac{1}{8}$ oz., \$1.00.

PYRETHRUM - C

Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color.

Pkt., 10c; 1-16 oz., 65c.

RICINUS (Castor Oil Bean)

Half-Hardy Annual. 8 to 12 Feet

Magnificent foliage plant.

Pkt., 10c; oz., 40c.

SALPIGLOSSIS (Painted Tongue) - A 2½ Feet

One of the most attractive annuals and should be in every garden. Nearly every flower is veined with a glint of gold.

Pkt., 15c; ⅛ oz., 45c.

SALVIA (Scarlet Sage) - A

Long a favorite bedding annual, also grown for conservatory decoration. **Splendens.** Annual. Beautiful bright scarlet; long stem; 2 feet.

Farinacea. Blue Bedder. Perennial. Compact. Profusion of deep blue flowers. 3 feet.

Pkt., 10c; 1-32 oz., 75c.

Bonfire. Pkt., 15c.

SCABIOSA (Mourning Bride) - A

An old-fashioned but most attractive flower

Mixed colors. Pkt., 10c; ⅛ oz., 25c.

SCABOSIA CAUCASIA (Blue Bonnet)

A hardy perennial variety, with pale blue flowers 4 to 5 inches across.

Isaac House Strain. Shades from lavender to dark blue.

Pkt., 15c; ⅛ oz. \$1.00.

SCARLET RUNNER

Hardy Annual Climber

This beautiful vine serves a double purpose, as in addition to the extreme beauty of the bright scarlet flowers, they are followed by large pods of beans. Height 12 to 15 feet.

Pkt., 10c; oz., 15c; ¼ lb., 35c.

SHASTA DAISY (Alaska)

Hardy Perennial. Height 2 Feet

Splendid perennial plants with large single white flowers with yellow centers.

Pkt., 10c; ⅛ oz., 55c.

STATICE (Sea Lavender) - C

Dense branching plumes of small purplish-blue flowers.

Pkt., 10c; 1-16 oz., 50c.

STOCKS (Gilliflower)

Half-Hardy Annual. Height 1 Foot

A most popular annual for bedding, and much used for pot culture.

Pkt., 10c; ⅛ oz., 70c.

SWEET PEAS

Sweet Peas are deep rooting. They are also gross feeders and a liberal amount of fertilizer will insure luxuriant growth and large flowers. The seeds are usually sown in shallow trenches about 3 inches deep and covered only 1 or 1½ inches.

LATE SPENCER

Austin Frederick. Soft lavender.

Avalanche. Large wavy white.

Crimson King. Rich crimson.

Ascot Pink. Fine blush-white.

Gold Crest. Deep orange salmon.

Matchless or Daffodil. Cream yellow.

Heavenly Blue. Delphinium blue.

Renown. Rich crimson-rose.

Royal Purple. Rich purple.

Spencer Mixed. Finest mixture.

Separate Colors

Pkt., 10c; 1 oz., 25c; 1 lb., \$2.50.

Mixed Colors

Pkt., 10c; 1 oz., 20c; 1 lb., \$1.75.

EARLY SPENCER

Glitters. Fiery and deep orange.

Grenadier. Poppy-scarlet.

Harmony. Clear lavender.

Illumination. Glowing salmon.

Snow Storm Improved. Pure white.

Zvolanck's Rose. Deep pink.

Blue Bird. Rich deep blue.

Early Spencer Mixed. Many colors.

Grandiflora Mixed. From surplus stocks.

Separate Colors

Pkt., 10c; 1 oz., 25c; 1 lb., \$2.50.

Grandiflora Mixed

Pkt., 10c; 1 oz., 20c; 1 lb., \$1.75.

HARDY SWEET PEAS

(Lathyrus Latifolius)

Perennial or Everlasting Pea

This is frequently called the Perennial Sweet Pea. Mixed colors.

Pkt., 10c; ¼ oz., 25c.

SUNFLOWER (Helianthus)

Dwarf Double. Far superior to common Sunflowers. Annual.

Pkt., 10c; 1 oz., 35c.

THUNBERGIA ALATA

(Black-Eyed Susan)

Half Hardy Annual. Climbing or Trailing Vine. A very charming and beautiful rapid growing vine.

Pkt., 10c; ¼ oz., 50c.

TITHONIA**(Golden Flower of the Incas) - A**

A rare Mexican plant, 6 to 8 feet. Large, orange-scarlet flowers.

Pkt., 25c.**TRITOMA (Perennial) - C****(Red-Hot Poker or Flame Flower)**

Hybrida. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance at a distance of orange and red-colored spear heads.

Pkt., 10c; 1-16 oz., 65c.**VENIDIUM FASTUOSUM****(Monarch of the Veldt)**

Large, brilliant orange flowers, 3 inches across, with a black-purple zone at the base. 2 to 3 feet tall.

Pkt., 25c; 1-16 oz., 70c.**VERBENA****Half Hardy Annual Trailing Plant**

One of the most beautiful occupants of our flower borders.

Violet, Scarlet, Rose. Pkt. 10c; 1/8 oz., 60c.
Mixed. Pkt., 10c; 1/4 oz., 60c.**HYBRIDA GRANDIFLORA****Royale. Blue with creamy yellow eye.**
Pkt., 25c.**Lucifer. Brilliant scarlet. Pkt., 25c.****Beauty of Oxford. Shades of pink to red.**
Pkt., 25c.**Beauty of Oxford Hybrids. Pkt., 25c.****Venosa. Hardy creeper. Heliotrope purple; 12 inches high.****Pkt., 10c.****VERONICA (Speedwell) (Perennial)****Spicata. Long spikes of deep blue flowers.****Pkt., 15c.****VINCA (Periwinkle) - A**

Ornamental free blooming plants with dark laurel like foliage.

Alba Alba. Pure white. Pkt., 10c; 1/8 oz., 50c.**Delicata. Soft pink. Pkt., 10c; 1/8 oz., 50c.****Rosea Alba. White with crimson eye.****Pkt., 10c; 1/8 oz., 50c.****Rosea. Rose, crimson eye.****Pkt., 10c; 1/8 oz., 50c.****Mixed. Above varieties mixed.****Pkt., 10c; 1/8 oz., 50c.****VIOLA (Tufted Pansy) (Perennial)**

Few bedding plants are so dependable, colorful and persistent, in blooming.

ZINNIA**Half Hardy Annual. Height 2 Feet**

Few, if any, annuals have greater utility value and can be grown with an equal degree of success.

Dahlia Flowered 2 1/2-3 feet

Canary Bird, yellow

Will Rogers, red

Dream, purple

Exquisite, pale rose

Scarlet Flame, br. scarlet

Golden Dawn, golden yellow

Meteor, rich deep red

Old Rose, old rose shades

Oriole, orange gold

Polar Bear, pure white

Pkt., 10c; 1/4 oz., 30c; 1 oz., \$1.00.**Mixed. Pkt., 10c; 1/4 oz., 25c; 1 oz., 75c.****California Giants 3-4 ft.**

Daffodil Imp. yellow

Enchantress, light rose

Grenadier, bright dark red

Violet Queen, deep purple

Brightness, bright pink.

Pkt., 10c; 1/4 oz., 30c; 1 oz., \$1.00.**Mixed. Pkt., 10c; 1/4 oz., 25c; 1 oz., 75c.****Linearis. Orange, very dwarf, compact.****Pkt., 15c; 1/4 oz., 75c.****Lilliput. Improved, small pompom like flowers, 15 inches to 2 feet in height.****Canary Yellow Gem****Crimson Gem.****Pink Gem. Pkt., 10c; 1/4 oz., 30c; 1 oz., \$1.00****Mixed. Pkt., 10c; 1/4 oz., 35c; 1 oz., \$1.00.****Super Crown O'Gold, Imp. Large, well formed flowers, overlaid petals. Desert Gold, yellow shades.****Pkt., 10c; 1/4 oz., 75c.****Haageana Double, Mexican Hybrids. Small flower, of brilliant and attractive combinations of Mexican colors. Height, 15 inches.****Pkt., 10c; 1/4 oz., 50c.****Cupid. Small button-like flowers, dwarf, 1 foot, well formed plants. Finest mixed.****Pkt., 10c; 1/4 oz., 50c.****Fantasy. New type, shaggy flowers, medium size, gracefully quilled, 2 1/2 feet. Finest mixture, bright colors.****Pkt., 10c; 1/4 oz., 40c; 1 oz., \$1.00.****Harmony Type. 2 1/2 to 3 feet, medium sized flowers, resembling Scabiosa. Mixed.****Pkt., 10c; 1/4 oz., 50c.**

We recommend Vigoro, the complete plant food.

We Sell Wholesale and Retail. Write for Prices.

FIELD SEEDS

ALFALFA

Sow 18 to 22 pounds to the acre

Alfalfa produces a hay crop of from 3 to 10 tons per acre, a valuable seed crop, and enriches the soil.

It will thrive on almost every soil except a wet one. Alfalfa is sown in the spring or fall. Seed bed must be carefully and thoroughly prepared, should be firm, moist and surface loose, mellow and finely pulverized. The entire field should be made as smooth as possible.

| | | | |
|-----------------|---------|----------------------------|--------|
| | 100 lb | | 100 lb |
| Kansas Pride | \$48.50 | Oklahoma Grimm | ASK |
| Kansas Choice | 46.90 | Kansas Grimm | ASK |
| Oklahoma Pride | 48.50 | Blue, Sealed and Certified | ASK |
| Oklahoma Choice | 46.90 | Argentine Certified | 36.00 |

CLOVERS

RED CLOVER

Sow 16 pounds per acre for forage crop.

Sow 8 to 14 pounds per acre on small grain crop.

CULTURE. Sow clover seed during late winter or early spring—when the soil is honeycombed by frost. Clover is usually sown to land previously seeded with a grain crop. Thus, no special land preparation is necessary, with grain crop removed, and clover already there.

| | | | |
|-----------------|---------|----------------------|--------|
| | 100 lb | | 100 lb |
| Missouri Pride | \$44.50 | Good Grade of Clover | 37.00 |
| Missouri Choice | 42.50 | Crimson | 38.00 |

WHITE BLOSSOM SWEET CLOVER

Sow 20 to 30 pounds per acre

Thrives on any type of soil and under almost any climatic conditions. Will grow on sandy soil or heaviest clay; on stony hillsides or loose loams; where rainfall is heaviest and where it is too light to produce Red Clover or Timothy. Will stand more acid in soil than Clover or Alfalfa and is less dependent on good drainage than Red Clover.

YELLOW BLOSSOM SWEET CLOVER

This is also a biennial and preferred by some people on account of its earliness. It is about two weeks earlier than the white, does not grow quite as tall and not as heavy or as course. Do not confuse this with the Annual Yellow Blossom which is of very little value.

| | | | |
|-----------------------|---------|---------------------------|-----------|
| | 100 lb | | 100 lb |
| White Blossom Pride | \$19.25 | Yellow and White | 18.00 |
| White Blossom Choice | 18.50 | Unhulled Yellow and White | 14.00 |
| Yellow Blossom Pride | 19.25 | Hubam | 26.00 |
| Yellow Blossom Choice | 18.50 | Subterranean | 1 lb 1.50 |

ALSIKE CLOVER

Alone for forage sow 8 to 15 pounds per acre.

On wheat or rye sow 4 to 6 pounds per acre

Grows much like Red Clover but not quite as tall, finer-stemmed, blossom nearly white. Makes finer hay. Seed being smaller, Alsike goes farther when sowing.

| | |
|--------------|---------|
| | 100 lb |
| Pride Brand | \$44.50 |
| Choice Brand | 42.50 |

WHITE DUTCH CLOVER

| | |
|--------|--------|
| | 1 lb |
| Pride | \$1.25 |
| Choice | 1.00 |

LADINO CLOVER

| | |
|-------|-----------|
| Pride | 1 lb 2.25 |
|-------|-----------|

GRASSES

TIMOTHY

| | |
|--------|---------|
| | 100 lb |
| Pride | \$10.00 |
| Choice | 9.00 |

RED TOP

| | |
|--------|-------|
| Pride | 24.00 |
| Choice | 22.00 |

LAWN GRASS

| | |
|---------------------|--------|
| Pride Mixture | \$.90 |
| Choice Mixture | .80 |
| Fancy | .65 |
| Shady Lawn | 1.25 |
| Bent, seaside | 1.25 |
| Bermuda | .80 |
| Rye Grass | .25 |
| Perennial Rye Grass | .35 |
| Chewing Fescue | 1.00 |
| Poa-Trivialis | .90 |

BLUE GRASS

| | |
|-----------|--------|
| | 1 lb |
| Pride 21 | \$1.00 |
| Fancy 19 | .90 |
| Choice 17 | .85 |

FIELD GRASS

| | |
|------------------------|---------|
| | 100 lb |
| Orchard Grass | \$45.00 |
| Meadow Fescue | ASK |
| Crested Wheat Grass | ASK |
| Brome Grass - Canadian | ASK |
| Brome Grass - Native | ASK |
| Sudan Texas | 11.00 |
| Sudan Kansas | 10.00 |
| Sweet Sudan | 20.00 |
| Reeds Canary | ASK |
| Buffalo Grass | 90.00 |
| Chewing Fescue | 70.00 |
| Pasture Mixture | 22.00 |

Field Seed Mixtures. Quantities for One Acre.
Write for Special Mixtures

As we are often asked for information as to making up mixtures for pasture, we give below some mixtures as suggested by competent authorities. No doubt one of these will be suited to your climate and soil. To obtain best results, have your soil tested.

inoculate all Legume Seeds with

NITRAGIN

1898—Nearly A Half Century of Service—1947

When ordering, Always state name of seed

ALFALFA
Swt., Bur, Hubam Clovers
Size Retail
1 bu. each...\$.50
2½ bu. each... 1.00

CLOVERS
Red, Alsike, Crimson,
White and Ladino.
1 bu. each...\$.50
2½ bu. each... 1.00

LESPEDEZA
100 lb. size (Inoculates
up to 100 lbs.) ..\$.50

PEAS (All Varieties)
VETCHES(All Varieties)
100 lb. size (Inoculates
up to 100 lbs.) ea.\$.50
1200 lb. size ea... 5.70
(12-100 lb. cans)

LUPINES (All Varieties)
100 lb. Size (Inoculates up to 100 lbs. seed) ea. \$5.00

**GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines,
Lima Beans and Edible Soybeans**
Enough for 8 lbs. seed — Retail Price 10c each

SOYBEANS
Size Retail
Small, (Inoculates up
to 120 lbs. seed) \$.30
5 bu. each..... .55
25 bu. each..... 2.50
(One can)
30 bu. each..... 3.25
(6-5 bu. cans)
**BEANS—Navy, Pinto,
Wax, String, Kidney
and Great Northern**
1 bu. each.....\$.35
**PEANUTS, LIMA
BEANS, COW PEAS**
Small, (Inoculates up
to 120 lbs. seed) \$.30
5 bu. each..... .55
25 bu. each..... 2.50
(One can)
30 bu. each..... 3.25
(6-5 bu. cans)

LIMED SOIL

| | |
|--------|--------------------|
| 6 lbs | Sweet Clover |
| 6 lbs | Lespedeza |
| 2 lbs | Alsike Clover |
| 3 lbs | Blue Grass |
| 5 lbs | Timothy |
| 5 lbs | Ky. Blue Grass |
| 2 lbs | Bermuda Grass |
| 4 lbs | Timothy |
| 6 lbs | English Blue Grass |
| 4 lbs | Red Clover |
| 2 lbs | Alsike Clover |
| 10 lbs | Ky. Blue Grass |
| 6 lbs | Timothy |
| 4 lbs | Red Clover |
| 2 lbs | Alsike Clover |
| 2 lbs | White Clover |

UNLIMED SOIL

| | |
|--------|-----------------|
| 8 lbs | Lespedeza |
| 2 lbs | Alsike |
| 5 lbs | Timothy |
| 3 lbs | Blue Grass |
| 3 lbs | Red Top |
| 1 lb | Red Clover |
| 10 lbs | Ky. Blue Grass |
| 4 lbs | Red Top |
| 6 lbs | Eng. Blue Grass |
| 4 lbs | Timothy |
| 4 lbs | Red Clover |
| 2 lbs | Alsike Clover |

THE ANTOINE SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.
Dealers Write or Phone For Prices

LAWN GRASS SEEDS

Prices on Grass Seed subject to change. The pound prices do not include postage. 100-pound prices are by freight or express, at purchaser's expense.

HOW TO MAKE A LAWN

The best soil is a good medium texture; the surface should be thoroughly pulverized and smoothed to the desired grade, removing all large stones, roots and hardened pieces. When the soil is firm, level and suitably moist, sow Lawn Grass Seed at the rate of 75 to 100 pounds per acre, or a pound to 200 square feet (a space 10x20).

It is unwise to be too economical in the quantity of seed used, if the best results are desired. The seed should be sown broadcast and as evenly as possible, then given a thorough rolling or tramp well with the back of a spade. Seed must be well firmed in soil. Our lawn seed does not contain Crab Grass seed.

SOWING

The sowing of grass seed in late summer or fall is highly recommended. Sowing at this time of year causes the young grass to "stool out," whereas if planted during hot weather it tends to grow tall and slender. For this reason it requires a greater quantity of seed. Fall planting is also beneficial in that it prevents the re-seeding of weeds. Spring planting is also satisfactory, but should be done early in order that the young grass will obtain a good growth before warm weather.

Water lightly but thoroughly. It is not advisable to "soak" the ground until the new grass has been cut.

New turf should have its first cutting when the grass is from 2 to 3 inches long. Set the blades of the mower high to clip only the ends of the young grass.

The continuous growing of one crop impoverishes the richest soil. Blue grass is no exception and when not fed with the proper fertilizer, soon turns sour. Blue Grass is a permanent crop and requires richer feeding than most crops. It must be thoroughly enriched if it is to live and grow.

RED TOP

Red Top is a fine grass for the lawn. 1 lb 35c; 5 lb \$1.50.

CHEWINGS FESCUE

Chewings Fescue is a fine grass for shade. 1 lb \$1.00; 5 lb \$4.50.

COOS COUNTY SEASIDE BENT

This is strictly a creeping grass. Is ideal for putting greens. 1 lb \$1.25; 5 lb \$5.75.

MEADOW FESCUE

Especially fine for shady lawns. 1 lb 60c; 5 lb \$2.75.

POE TRIVIALIS

Especially adapted for sunny spots. 1 lb \$1.00; 5 lb \$4.75.

PERENNIAL RYE GRASS

This is a quick growing, short lived perennial grass. 1 lb 50c; 5 lb \$2.25.

DOMESTIC RYE GRASS

An annual grass for lawn mixtures. 1 lb 25c; 5 lb \$1.00

WHITE DUTCH CLOVER SEED

Excellent for use on lawns. 1 lb \$1.25; 5 lb \$5.50.

BERMUDA GRASS

Will grow on almost any soil. One of the finest grasses to sow for summer lawns, especially in the South. 1 lb, 75c; 5 lb, \$3.50.

KENTUCKY BLUE GRASS

Kentucky Blue Grass is the most nutritious, hardy and valuable of all northern grasses. 1 lb, \$1.00; 5 lb, \$4.95.

SHADY LAWN GRASS

For sowing in shady places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful dark green grass. 1 lb, \$1.25; 5 lb, \$5.75.

OUR PRIDE LAWN GRASS MIXTURE

This special mixture produces beautiful and permanent lawns. 1 lb, 90c; 5 lb, \$4.25.

ALL AROUND LAWN GRASS MIXTURE

Suitable for shade or open places. 1 lb, \$1.00; 5 lb, \$4.50.

SWIFT'S RED STAR FERTILIZERS

Physiologically Nuetral and Non-Acid Forming



For LAWNS and GARDENS

●For greater gardening success feed everything you grow with Vigoro. It supplies all 11 elements plants require from soil. Delightful to use . . . clean, odorless, sanitary. Most economical, too!

Available A Product of Swift & Company

| Phos- Nitro- gen | | | Customer's Time Price | |
|------------------|--------|---------|-----------------------|--|
| Acid | Potash | Per Bag | Per Ton | |
| 12 | 4 | \$2.25 | \$38.25 | |
| 12 | 6 | 2.00 | 36.05 | |
| 14 | 7 | 2.00 | 34.40 | |
| 45 | 0 | 3.25 | 56.15 | |
| 20 | 0 | 1.75 | 32.65 | |
| 18 | 0 | 1.75 | 30.80 | |
| 12 | 12 | 2.00 | 36.40 | |

Other Analysis when available
Subject to change without notice

| | | |
|---------------------------|--|-----------|
| Vigoro | 4.00 | 55.00 |
| Nitrate of Soda | 4.00 | 50.00 |
| Ammonium Nitrate | 4.00 | 50.00 |
| Sulphate Ammonium | 4.00 | 63.80 |
| Aluminum Sulphate | 4.00 | 45.00 |
| Copper Sulphate | 12.00 | ASK |
| Iron Sulphate | 5.00 | ASK |
| Calcium Phosphate | 3.00 | ASK |
| Calcium Carbonate | 2.00 | ASK |
| Calcium Chloride | 3.90 | ASK |
| Copperas | 4.00 | ASK |
| Muriate of Potash | 4.25 | ASK |
| Bone Meal | 6.00 | ASK |
| Milorganite | 3.38 | ASK |
| Blood Meal | | |
| Charcoal | 3.50 | 50 lb bag |
| Sheep Manure | 25 lb 90c; 50 lb \$1.30; 100 lb \$2.30; 500 lb \$10.00; 1000 lb, \$17.50; 2000 lb, \$34.00 | |
| Peat Moss — Hort. | Large Bales 21x21x40 | \$5.50. |
| | Medium Bales | \$3.75. |
| Poultry Peat Moss | Large Bales 21x21x40 | \$5.50. |
| | Medium Bales | \$3.75. |
| Sani-Floor Poultry Litter | | 2.00. |



SANI-FLOR POULTRY LITTER

SANITARY... FIREPROOF!

Healthier chicks—fewer losses—increases poultry profits. Just pour Sani-Flor from bag and spread 2 inches thick.



SPRAYS

ACME INSECTICIDES

DUSTS

Arsenate of Lead

Bordeaux Mixture

Calcium Arsenate

Red River Potato Mix

London Purple

Tomato Dust

Vegetable and Flower Dust

Garden Dust

Kopper King

Arsenate of Zinc

Paris Green

Dry Lime-Sulphur

Acme Garden Guard

Acme Dura Dust No. 25

Scientific Rose Spray

Lime Sulphur Solution

Wettable Dusting Sulphur

Aphis Spray

NNOR Garden Spray

Acme Ant Kill

Bait-M

Kopper Queen

Kopper Shield Tree Paint

Weed Killer

Emo-Nik

Dawg-Gone

Kryocide Dust

Endo-Pest

Cyanogas

Cyanogas

For fruit trees, vegetables, bushes and tobacco. Use dust or spray. ½ lb, 20c; 1 lb, 35c; 4 lb, \$1.00; 24 lb, \$5.90.

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases.

1 lb, 40c; 4 lb, \$1.00; 24 lb, \$5.90.

1 lb, 25c; 4 lb, 60c; 24 lb, \$2.85.

(DDT) 1 lb, 50c; 4 lb, \$1.55.

1 lb, 30c; 4 lb, 50c; 24 lb, \$2.85.

For use on tomatoes.

1 lb, 50c; 4 lb, 90c.

1 lb, 40c; 4 lb, \$1.00.

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

1 lb sifter carton, 50c; 4 lb, \$1.10; 50 lb, \$12.00.

1 lb, 45c; 4 lb, \$1.10.

1 lb, 35c; 4 lb, 75c.

Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

¼ lb, 20c; 1 lb, 55c; 5 lb, \$2.45; 25 lb, \$10.00; 100 lb, \$39.00.

Lime and sulphur converted into a dry powder but having the effectiveness of the liquid product when dissolved in water. 1 lb, 30c; 5 lb, \$1.55; 12½ lb, \$1.90; 25 lb, \$3.75; 50 lb, \$7.50; 100 lb, 14.00; 200 lb, \$24.50.

Containing D. D. T. 1 lb, 39c; 4 lb, 85c.

Containing D. D. T. 1 lb, 60c; 4 lb, \$1.95.

No. 3, 95c ea; No. 6, \$1.50 ea; No. 24, \$4.00 ea;

No. 48, \$6.00 ea.

Qt. 40c; ½ gal., 60c; 1 gal., \$1.00; 5 gals.,

\$3.00; ½ barrel, \$9.00; 1 barrel, \$12.00.

2 lb carton, 45c.

For use on roses, vines, flowers, shrubs, vegetables, berry bushes, and trees. A combination of Black Leaf "40" and Fish Oil Soap. 3 ozs., 40c; 12 ozs., \$1.00; 2½ lb, \$3.00.

1 oz. bottle, 35c; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.15.

Quickly destroys all species of sweet eating ants. It is composed of small glass containers partially filled with syrup. Per set, 35c and 65c.

An insecticide bait to combat snails, cut worms, sow bugs, and grasshoppers. 1 lb, 35c; 2½ lb, 75c.

8 oz. bottles, 35c; pint, 60c.

8 ozs., 40c; pint, 70c.

Pint, 45c; quart, 65c.

For Red Spider and mealy bugs.

4½ ozs., 40c; pint, 70c; quart, \$1.00; gallon, \$2.75;

Tubes, 25c each.

For your garden. 1 lb natural, 35c; D-50, 1 lb, 45c; 3 lb, \$1.

1 lb Pkg. Duster, 65c; ½ lb Pkg. refill, 40c; 1 lb Pkg.

refill, 70c; 2½ lb Pkg. refill, \$1.50.

(Calcium Cyanide) A valuable insecticide for greenhouse fumigation. Destroys aphis, white fly, soft scale, thrips, etc.

½ lb, 45c; 1 lb, 85c; 5 lb, \$3.25; 25 lb, \$12.50.

A dust for rodents and insects.

½ lb, 45c; 1 lb, 85c; 5 lb, \$3.25; 25 lb, \$12.50.



Grape and Rose Dust

Black Leaf "40"



Slug Shot

Red Arrow

"Nico-Fume"

Valuable for preventing mildew on roses, grapes and vining plants. Can be sent by mail. 1 lb; 35c; 5 lb, \$1.25. A solution of Nicotine Sulphate. It is highly recommended as a spray for soft-bodied sucking insects. For spraying only. 1 oz. bottle 36c; 5 oz. bottle (makes 40 to 100 gallons of spray), \$1.05; 1 lb, (makes 100 to 250 gallons) \$2.50; 2 lb can, (makes 200 to 500 gals.), \$3.95; 5 lb tin, (makes 420 to 1050 gals.), \$7.40; 10 lb tin, (makes 840 to 2100 gals.) \$11.85.

One of the most known remedies for cabbage and currant worms. Apply dry. 1 lb, 25c; 5 lb, \$1.25.

Non-poisonous, kills by contact, will not burn or stain tenderest foliage. Ounce will make 4 to 8 gals. spraying solution. 1 oz., 35c; ¼ pt., \$1.00; qt., \$6.00; gal., \$15.00. Pressure Fumigators. Tobacco powder impregnated with a high strength nicotine solution. Effective for fumigating in greenhouses to destroy aphids, thrips, etc.

1 lb, 75c; 12 lb, \$7.95.

SEED DISINFECTANTS

Ceresan

New Improved. For Wheat, Barley, and Oats. Easily and quickly applied. One pound treats 32 bushels.

4 ozs., 30c; 1 lb, 80c; 4 lb, \$2.70; 25 lb, \$15.00; 100 lb, \$55.00.

Semesan Jr.

New Improve. A dust disinfectant for seed corn. One pound treats 8 bushels. 1½ ozs., 15c; 12 ozs., 56c; 5 lb, \$3.00; 6¼ lb, \$3.75; 25 lb, \$12.50; 100 lb, \$45.00.

Semesan

A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases.

2 ozs., 40c; 1 lb, \$2.50; 5 lb, \$11.40.

Sulphur

Tobacco Dust

(Commercial) 5 lb, 50c; 10 lb, 85c; 50 lb, \$3.00.

Fine ground tobacco powder for dusting.

1 lb, 15c; 100 lb, \$9.00.

Hammond's Thrip Juice

To be diluted with water to the extent of one portion of Thrip Juice to 40 parts of water. Can be sent by mail. Pt., 85c; qt., \$1.35; gal., \$4.80.

Spray Soap (Fish Oil)

1 lb, 30c; 5 lb, \$1.25; 10 lb, \$2.25.

Whale Oil Soap

1 lb, 40c; 2½ lb, 90c; 5 lb, \$1.65; 10 lb, \$3.25; not postpaid.

Tree Tanglefoot

A paste preparation painted around the trunk of a tree to keep the caterpillars, etc., from crawling into the tree. One pound makes from 12 to 15 lineal feet of band.

6 oz., 45c; 1 lb, 80c; 5 lb, \$3.75; 10 lb, \$7.00; 25 lb, \$15.00.



"DOGZOFF"

Copyright 1933

Dogz-Off

Bottle, 60c.

Mosquitoz-Off

Bottle, 60c.

Mologen

Bottle, 50c.

Fumogen

Bottle, 50c.

Triogen, Rose Spray

90c and \$1.50.

Napthalene Flakes

1 lb, 25c; 5 lb, \$1.00; 10 lb, \$1.75.

Pryocide Dust

1 lb, 30c; 5 lb, \$1.25.

Formaldehyde

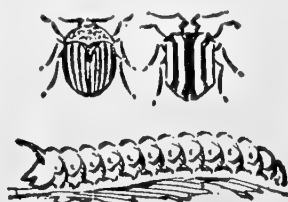
1 lb, 40c.

Sodium Fluoride

1 lb, 45c.

Hydrated Lime

10 lb, 35c; 50 lb, \$1.00.



DOG, CAT AND FISH SUPPLIES

DOG FOOD

| | lb | 25 lb | 50 lb | | lb | 25 lb | 50 lb |
|---------------|-----|--------|--------|---------------------|------------|--------|--------|
| Ken-L-Basket | 15c | \$3.75 | \$5.95 | Spratts Fibo | 20c | 3.75 | |
| Gains Meal | 15c | 2.70 | 5.10 | Spratts Mixed Ovals | 20c | 4.00 | 7.75 |
| Gains Cubes | 15c | 2.80 | 5.10 | Spratts Charcoal | 25c | 4.00 | 7.75 |
| Conkeys Meal | 15c | 2.50 | 5.10 | Itsy Bitsy | 15c | 30c | 55c |
| Conkeys Cubes | 15c | 2.00 | 5.10 | Y-O For Dogs | 25c | \$1.00 | \$3.25 |
| Nutrena Meal | 15c | 2.45 | 4.80 | Sheen Egg Food | 1/2 lb | 75c. | |
| Nutrena Cubes | 15c | 2.45 | 4.80 | Carno Dog Food | 32 oz. can | 45c | |

DOG REMEDIES

| | | | |
|----------------------------|------|-----------------------|-------------|
| Petpak Worm Capsules | .25 | Cleaning Powder (dry) | .25 |
| Pulvex Worm Capsules | .50 | Hilo Dip | .25 and .50 |
| Spratts Worm Tablets | .15 | Hilo Ointment | .50 |
| Petpak Laxative Tablets | .25 | Liniment | .60 |
| Pulvex Laxative Tablets | .60 | Cough Medicine | .60 |
| Spratts Laxative Tablets | .15 | Vita-Vurv | .75 |
| Garlic Capsules | 1.00 | Sulphurdine | 1.00 |
| Dog-Trot | 1.00 | Sulphur Tablets | .60 |
| Dogzoff | .35 | Blood Tablets | .50 |
| Chaperone | 1.00 | Ear Canker | .60 |
| Mange and Dandruff Remedie | 1.00 | Eye Lotion | .60 |
| Glovers Mange Medicine | .85 | Flea Powder | .25 and .50 |
| Par-O-San | .60 | T.T.D. Flea Powder | .25 and .50 |
| Pine Oil | .50 | D.D.T. Flea Powder | .25 and .50 |
| Dog-On-Kleen | 1.00 | Flea Soap | .25 and .50 |
| Sponze-Away | .25 | Vermex | .80 |
| Bubble Bath | .25 | Puppilac | .50 |

DOG SUPPLIES

| | | | |
|--------------------------------|------------------|-------------------------|--------------|
| Dog Harness, Tan 14 to 24 | \$.50 to \$2.50 | Show Leads, 3/16" width | each 1.00 |
| Black 12 to 21 | .60 to 2.50 | Dog Romp Sets | 2.95 |
| Dog Collars, | | Dog Muzzels | |
| Tan 13 to 23 | .50 to 2.50 | 1/2" small & large | 1.00 to 2.50 |
| Black 13 to 23 | .50 to 2.50 | Dog Sweaters | 1.50 to 3.00 |
| Round Leather 13 to 23 | 1.50 to 2.50 | Dog Willow Baskets | 4.00 to 6.00 |
| Choke Chains | .85 to 1.25 | Dog Metal Beds | 4.00 to 6.00 |
| Dog Leads, 4 ft., Swivel Snap, | | Dog Dinners | 1.25 |
| Black | 1.00 to 1.50 | Bakalite Dog Dishes | .95 |
| Tan | .50 to 1.50 | Dog Bowls | .50 |
| Chain Leads, 4 ft. | .85 to 2.25 | Dog Ccumbs | 1.00 |
| Tie-Out Chains | | Dog Brushes | .75 to 1.50 |
| 12 feet | 2.25 | Rubber Balls & Toys | .25 to .75 |
| 10 feet heavy | 2.25 | | |

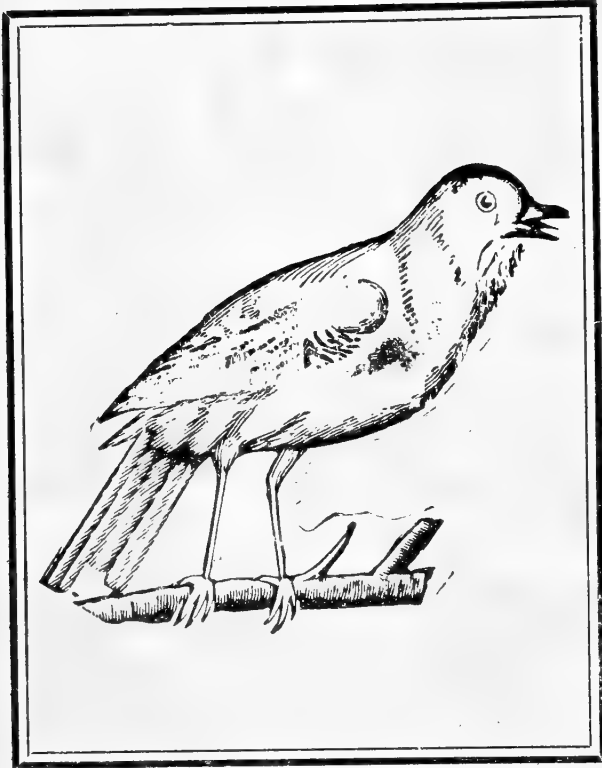
CAT FOOD AND SUPPLIES

| | | | |
|------------------|--------------|-----------------|--------------|
| Spratts Cat Food | .15 and 1.00 | Cat Nip Leaves | .15 |
| Cousins Cat Food | .35 | Tonic Tablets | .15 |
| Y. O. for Cats | .25 and 1.00 | Worm Tablets | .15 |
| Cat Collars | .25 | Flea Powder | .35 |
| Cat Nip Mouse | .15 | Cleaning Powder | .50 and 1.00 |
| Cat Nip Ball | .15 | Pussy Scat | .50 and 1.00 |

FISH FOOD AND SUPPLIES

| | | | |
|------------------------------|--------------|---------------------------------|------------|
| Long Life Natural Fish Food | .20 | Ornaments | .10 to .35 |
| Spratts Tropical Fish Food | .15 | Aquarium Cement | .30 |
| Petpak Tropical Fish Food | .15 | Spratts Recto (Water Rectifier) | .25 |
| Spratts Fish Wafers, per box | .10 | Water Purfier | .10 |
| Aquarium | 2.00 to 9.00 | | |

BIRDS. SEEDS AND SUPPLIES



CANARIES

| | Singers | Hens |
|------------------------|-----------------|--------|
| Hartz Mountain Roller | \$ 7.50-\$15.00 | \$1.00 |
| St. Andreasberg Roller | 15.00- 25.00 | 2.50 |
| Holland Chopper | 12.00- 15.00 | 2.50 |
| American Roller | 12.00- 15.00 | 2.50 |
| Seifert Roller | 12.00- 20.00 | 2.50 |
| White Roller | 15.00- 25.00 | 3.50 |
| Border Fancy | 12.00- 20.00 | 3.00 |
| Yorkshire | 18.00- 35.00 | 5.00 |

PARRAKEETS — LOVE BIRDS

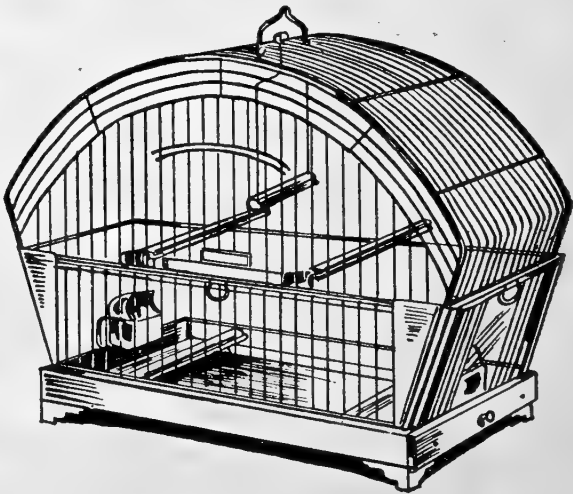
| Pair | \$10.00 up | Green | Mauve |
|---|------------|------------|--------|
| | | Blue | White |
| | | Yellow | Cobalt |
| Peach Face Love Birds | pr. | \$25.00 up | |
| Fischers Love Birds | pr. | 25.00 up | |
| Masked Love Birds | pr. | 25.00 up | |
| Nyassaland Love Birds | pr. | 25.00 up | |
| Cockatiels | pr. | 40.00 up | |
| Parrots (Spanish and Mexican) | | 75.00 up | |
| Ask us about any other birds you wish to obtain | | | |

BIRD REMEDIES

| | | | |
|---------------------------|-------------|------------------------------------|-----|
| Bird Bitters | 10c and 25c | Sore Foot Salve | 30c |
| Constipation Med. | 25c | Qu nilla (Tibbs) | 30c |
| Iron Tonic | 10c and 25c | Foot and Leg Ointment | 15c |
| Asthma Treatment | 25c | Blood Aid | 30c |
| Feather Pull Remedy | 25c | Cold Aid | 30c |
| Diarrhea Remedy | 25c | First Aid | 30c |
| Birdwash | 25c | Digestive Aid | 30c |
| Bird Salve | 10c and 25c | Inhalant | 30c |
| Pennakura | 25c | Capern's Love and Finch Bird Tonic | 30c |

BIRD FOODS AND TREATS

| | Oz. | 3 Oz. | lb | 5 lb |
|---------------------------|---------|-------------|--------------|--------|
| Song Food | 10c | 25c | \$. 75 | \$2.75 |
| Cod Liver Oil Health Food | 10c | 25c | .75 | 2.75 |
| Song Restorer | 10c | 25c | .75 | 2.75 |
| Conditioner | 10c | 25c | .75 | 2.75 |
| Color and Pepper Food | 10c | 25c | .75 | 2.75 |
| Spec. Baby Bird Food | 10c | 25c | .75 | 2.75 |
| Mating Food | 10c | 25c | .75 | 2.75 |
| Digestion Food | 10c | 25c | .75 | 2.75 |
| Cod Liver Oil Egg Food | 10c | 25c | .75 | 2.75 |
| Condition Food | 10c | 25c | .75 | 2.75 |
| Vitality Food | 10c | 25c | .75 | 2.75 |
| Egg and Nesting Food | 10c | 25c | .75 | 2.75 |
| Moult and Color Food | 10c | 25c | .75 | 2.75 |
| PetaMine | oz. 10c | 2 lb \$1.00 | 25 lb \$9.00 | |



Bird Cage No. 480

BIRD SEED

It is very important that you make the proper selection of foods for your birds; pure, fresh, clean food is necessary at all times.

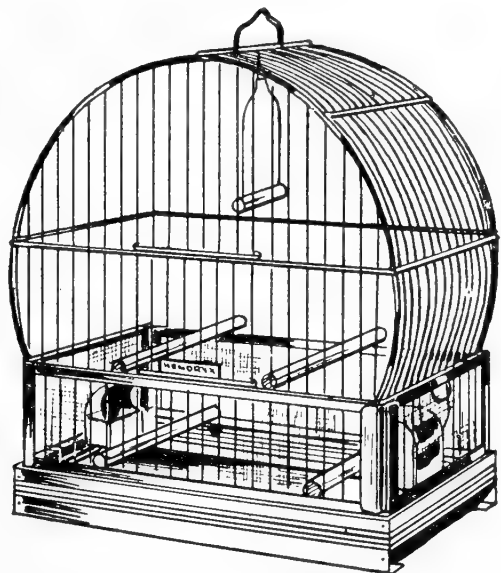
| | 1 lb | 5 lb | 10 lb | | 1 lb | 5 lb | 10 lb |
|---------------------------|------|--------|--------|----------------------------|------|------|-------|
| Our Mixed Canary Seed... | 25c | \$1.00 | \$1.80 | Poppy or Maw Seed | 70c | 3.25 | 6.00 |
| Our Mixed Lovebird Seed | 20c | .90 | 1.60 | Thistle, Polished Seed ... | 40c | 1.90 | 3.50 |
| Canary recleaned | 30c | 1.25 | 2.00 | Lettuce Seed | 75c | 3.50 | 6.00 |
| Rape, Sweet Black | 30c | 1.25 | 2.25 | Oat Grouts | 20c | .90 | 1.75 |
| Mixed Rape and Canary | 30c | 1.25 | 2.25 | Hemp, Sterilized | 50c | 2.00 | 3.50 |
| Millet, Yellow Seed | 15c | .70 | 1.25 | Sunflower Fancy Seed ... | 30c | 1.40 | 2.75 |
| Millet, Red Seed | 15c | .70 | 1.25 | Wild Grass Seeds | 25c | 1.00 | 1.90 |
| Flax Seed | 20c | .90 | 1.70 | Mixed Parrot Food | 35c | 1.50 | 2.90 |

BIRD SUPPLIES

| | | | |
|---------------------------------|-------------------|--------------------------|-------------|
| Nesting Hair, wh. or br. carton | 10c | Gravel, white | lb. 10c |
| Wire Nests | 15c and 20c | Gravel, yellow | lb. 10c |
| Plastic Nests | 25c | Mineral Grit | lb. 10c |
| Cuttle Bone, wire holder | 10c and 15c | Glass Guards | 35c and 50c |
| Cuttle Bone, Bulk | lb. \$2.00 | Cage Brackets | 25c |
| Bird cups, outside | 10c | Colored Chalk Bird Eggs | 05c |
| Bird cups, inside | ea. 15c 2 for 25c | Wire Brush perch cleaner | 25c |
| Treat cups | 05c | | |
| Bird Pacifiers | 25c | | |
| Cedar Swings — Perches | 15c | | |
| Bird Bathhouse | 40c | | |
| Bath dishes | 15c | | |
| Gravel paper (12 sheets in) | pkg. 20c | | |
| Cage Cleaner liquid | 20c | | |

BIRD CAGES

| | |
|----------------------------------|--------|
| 950E Cage | \$5.25 |
| S450 Stand | 4.50 |
| 480 Cage | 9.75 |
| S400 Stand | 6.50 |
| Crown X Cage (Red, Green, Ivory) | 4.75 |
| No. 31 Stock Cage | 2.70 |
| No. 21 Double Breeding Cage | 5.25 |
| Out Side Feeding Station | 1.75 |



IMPORTED AND DOMESTIC SPICES AND SUPPLIES

CHILI POWDER — OUR MAKE

When using OUR OWN MAKE CHILI POWDER, omit the chili peppers, quin pins, comino, oregano and garlic as the powder contains these ingredients. A great many of our customers prefer using the powder as it is much easier to use, and it is as satisfactory. Use about 3 tablespoons full to two pounds of meat.

CHILI POWDER — OUR MAKE

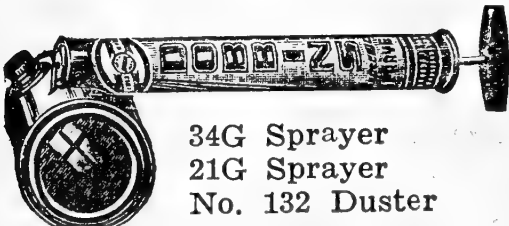
| | | | | |
|-------------------------------|---------|---------------------------------------|---------|---------|
| 1 oz. | 10c | Celery Salt | oz. 10c | lb. .95 |
| 1/4 lb. | 30c | Cardaman | 20c | 1.50 |
| 1/2 lb. | 50c | Write for prices on larger quantities | | |
| 1 lb. | \$1.00 | Cinnamon, ground | 15c | 1.50 |
| | | Cinnamon (stick) | 10c | 1.50 |
| Chili Peppers, strictly fancy | oz. 10c | Cloves, ground | 10c | .70 |
| Chili Peppers, ground | 10c | Cloves, whole | 10c | .60 |
| Chili Beans, (pink) | .20 | Comino, ground | 10c | 1.15 |
| Chili Beans, (pinto) | .20 | Comino, whole | 10c | 1.00 |
| Chili Quin Pin (or Jap Chili) | 10c | Coriander Seed, whole | 10c | .90 |
| Chili Quin Pin, pulverized | 10c | Coriander, ground | 10c | 1.00 |
| Chilitomaline | 10c | Curry Power | 10c | .50 |
| Allspice, whole | 10c | Dill Seed | 10c | .50 |
| Allspice, ground | 10c | Garlic, whole | | .60 |
| Anise Seed | 10c | Garlic, pulverized | 10c | 1.10 |
| Barbecue Spice | 10c | Garlic, dehydrated | 15c | 1.90 |
| Bay Leaves | 15c | Ginger, ground | 10c | .75 |
| Black Pepper (blended) | 10c | Ginger Root | 10c | .75 |
| Black Pepper (pure) | 10c | Lavender Flower | 15c | 1.00 |
| Caraway, whole | 15c | Marjoram | 10c | 1.00 |
| Caraway, ground | 15c | Mixed Spice | 10c | .65 |
| Cassia Buds | | Mustard Seed, yellow whole | 10c | .50 |
| Celery Seed, whole | 15c | Mustard Seed, yellow ground | 10c | .55 |
| Celery Seed, ground | 15c | Nutmeg | 10c | 1.50 |
| | | Oregano or Mexican Sage | 10c | .50 |

| | | | | | |
|-------------------|-----|------|------------------------------------|--------------------------|-----|
| Oregano, ground | 10c | .55 | Tumeric Powder | 10c | .50 |
| Paprika | 10c | .85 | Hardy's Condensed Smoke | table size, | |
| Pepper, Cayenne | 10c | .75 | | 35c; pt., 50c; qt., 85c | |
| Pepper, White | | | Hardy's Sugar-Cure Smoke Salt | 2½ lb., | |
| Pepper, Red | 10c | .90 | | 25c; 7½ lb., 79c | |
| Pop Corn | | .15 | Morton's Tender-Quick Meat Cure | 2½ | |
| Poppy Seed | 15c | .90 | | lb., 60c; 10 lb., \$2.25 | |
| Powdered Alum | 10c | .50 | Morton's Sausage Seasoning | 10 oz., | 25c |
| Sage, rubbed | 15c | 1.50 | Morton's Poultry Seasoning | 3 oz., | 10c |
| Sage, ground | 15c | 1.50 | Meat Pumps, ea. | \$2.00 | |
| Salt Petre | 10c | .75 | Wright's Hot-N-Tot Barbecue Sauce, | | |
| Sausage Seasoning | 10c | .50 | | each 25c | |
| Sweet Fennel | 10c | .80 | Bulk Salt Med. | 100 lb. \$1.50 | |
| Thyme Powder | 10c | 1.25 | Stock Salt, 50 lb. block, each | 50c | |
| Tomale Corn Husks | | | Prices Change Without Notice | | |

SPRAYERS AND PLANET JR. TOOLS

BROWN'S SPRAYERS

| | |
|---|--------|
| No. 4D Sprayer 3 gal. Galv. | \$7.45 |
| No. 14 1 qt. Sprayer | .70 |
| No. 26AG 1 qt. Glass jar | 1.35 |
| Siren Pump | 5.50 |
| Goliath BBL Pump | 19.00 |
| No. 49 W. B. Qualified Complete Pump, Bucket Frame & Wheels | 24.00 |
| No. 57 W. B. Qualified Complete Pump, Bucket, Frame, Wheels | |
| Pressure Tank | 36.50 |
| Crystal Duster | 1.75 |



| | |
|---------------------|-------|
| 34G Sprayer | 6.50 |
| 21G Sprayer | 5.25 |
| No. 132 Duster | 1.50 |
| Horn Seeders | 1.25 |
| Little Giant Seeder | 2.25 |
| Cyclone Seeder | 2.50 |
| Flame Weed Burner | 22.00 |

HUDSON'S SPRAYERS

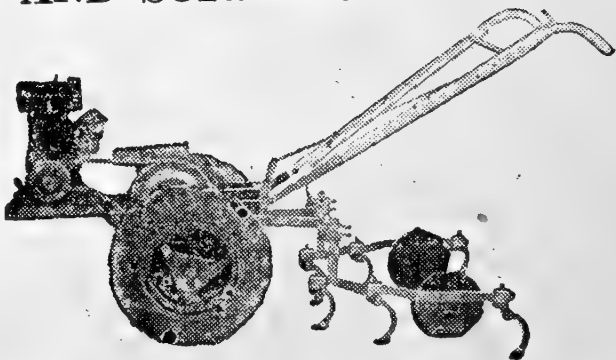
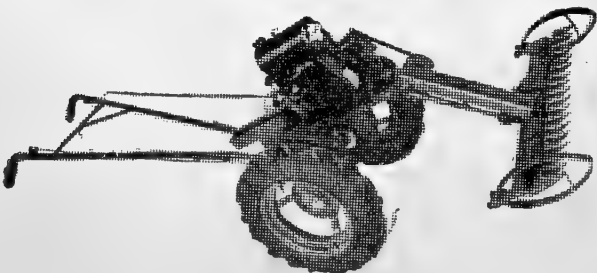
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|----------------------------|--------|
| No. 235G 3 gal. Galv. | \$7.25 |
| No. 403ND 1 qt. Master Fog | .55 |
| No. 766 Admiral Duster | 1.50 |
| No. 661 Signal Duster | .40 |
| 6American Beauty Duster | 22.00 |
| No. 100 D. B. Duster | 10.00 |
| No. 200 D. B. Duster | 15.00 |
| Smith Knap Sprayer | 19.50 |
| Trombone Sprayer | 5.60 |
| Bug-A-Boo 1 pt. | .39 |
| No. 113 1 qt. sprayer | .60 |
| No. 115 1 qt. sprayer | 1.40 |
| No. 118 ½ gal. sprayer | 2.25 |
| No. 120 Duster | 3.75 |

VIGORO SPREADERS

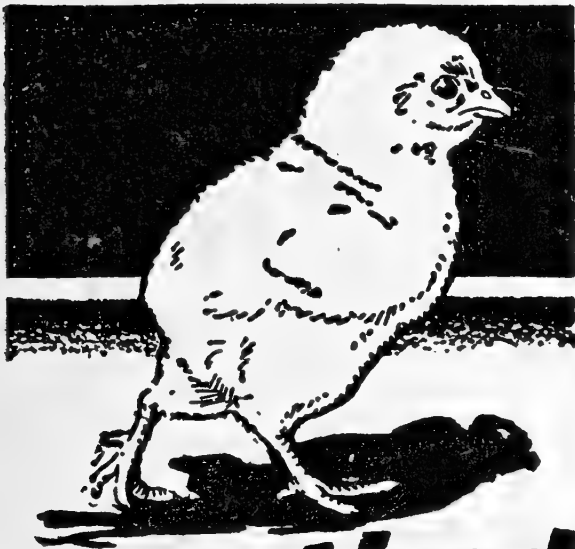
| | |
|----------------|--------|
| Model B. 14" | \$4.05 |
| Model Jr. | 8.20 |
| Model Standard | 16.95 |
| Model Special | 24.25 |

PLANET JR. TRACTOR AND SUPPLIES

| | |
|--------------------------|----------|
| B-1 Tractor 1½ HP | \$190.50 |
| with Cultv. attachments. | |
| H-T Tractor 4½ HP | \$439.25 |
| with Cultv. attachments. | |
| No. 13 Wheel Hoe | \$ 9.95 |
| No. 12 Wheel Hoe | 12.95 |
| No. 11 Wheel Hoe | 16.50 |
| No. 17 Wheel Hoe | 8.95 |
| No. 18 Wheel Hoe | 6.95 |
| No. 265 Seeders | 25.50 |
| No. 300A Seeders | 22.50 |



| | |
|-----------------------------|---------|
| No. 4D Seeders | 19.75 |
| No. 119W Garder Wheel Hoe | 4.20 |
| 10" Speed Hoe | \$ 7.95 |
| N6o. 9 Horse Hoe | 15.50 |
| No. 3 Seeder | 19.75 |
| No. 5 Seeder | 22.50 |
| 219 Fertilizer | 11.50 |
| ½ easy garden raisers | 6.45 |
| Also Planet Jr. Attachments | |



Vitalized with Cod Liver Oil

BETTER BABY CHICKS

1947 should be a fine year for poultry. Flocks are scarce everywhere and there is plenty of feed at a reasonable price.

Our program of flock improvement . . . blood-testing to guard against disease, culling and checking . . . means your chicks come to you vigorous, healthy, and as free from disease as we can produce them. Only strong, properly fed breeders are used. A superior male bird is of great importance, because he is mated to a number of females. Therefore it is possible for him to transmit characteristics to a large proportion of the chicks produced by the whole pen.

A A A GRADE CHICKS

| | | | | |
|--|--------|------|-------|-------|
| White and Brown Leghorns..... | 25 | 50 | 100 | 300 |
| White and Barred Rocks, White and Silver Laced Wyandottes, S. C. Reds, Buff Rocks and New Hampshires | \$4.50 | 7.50 | 14.90 | 42.00 |
| Austra White | | | | |
| Heavy Assorted..... | \$4.00 | 6.00 | 10.90 | 30.00 |

All baby chicks are guaranteed from 100% BLOODTESTED Stock. Tested by the stained antigen method for Salmonella Pullora (Bacillary White Diarrhea Disease) and Fowl Typhoid.

All stock having been culled for the past 8 years for egg production. All flocks are on a uniform feeding program in order to assure you a better baby chick.

A BABY CHICK CAN BE NO BETTER THAN ITS ANCESTORS, SO WHY TAKE A CHANCE ON AN ORDER OF CHICKS?

C. O. D. PLAN Send \$1.00 for each 100 chicks or any number less than 100. Pay balance on delivery plus transportation charges. If you want chicks shipped C. O. D. for balance be sure to specify this in your order.

We carry a complete line of Poultry Supplies, Remedies, Feeds

| | | | |
|----------------------------------|-----------------------------|-----------|--------|
| Conkey's Chick Ration | Safeside Germicide | 1 pint | \$.75 |
| Conkey's Broiler Mash | | 1 quart | 1.25 |
| Conkey's Growing Mash | Poultry Y-O | 1 lb pkg. | .60 |
| Conkey's Y. O. Egg Mash | | 2 lb pkg. | 1.10 |
| (26% Supplement) | Old Reliable Powder | 1 oz. | 25c |
| Conkey's All Mash Laying Mash | | 2½ oz. | 50c |
| Conkey's All Mash Laying Pellets | Phe-Nikala Tablets | 100 for | 1.00 |
| Conkey's Scratch Grain | Lice Powder | 12 oz. | .25 |
| Conkey's 16% Dairy Feed | Pic-End Bitters | 2¾ oz. | .25 |
| Conkey's Rabbit Pellets | Poultry Tonic | 1½ lb | .30 |
| New Liquiefied Dia-Tabs | Ready to use Inhalant Spray | 1 qt. | 1.00 |
| ½ pt. (64 doses) | | 1 gal. | 3.25 |
| 1 pt. (128 doses) | Concentrated Inhalant Spray | ¼ pt. | .65 |
| | | ½ pt. | 1.00 |

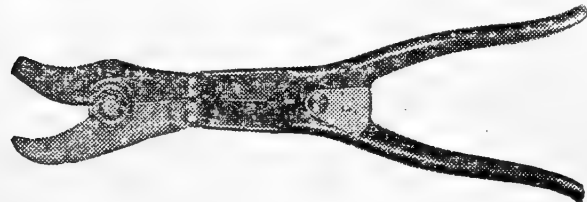
Due to world conditions, we reserve the right to change prices without notice.

POULTRY SUPPLIES AND MISCELLANEOUS

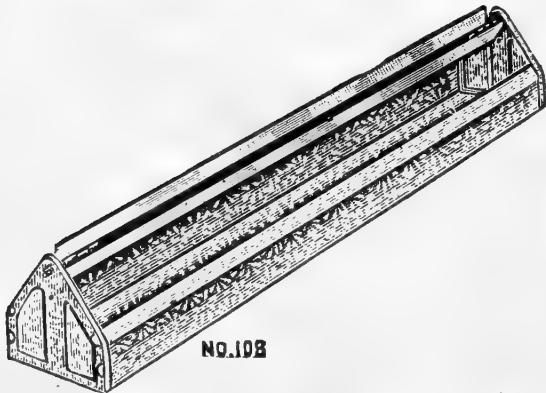
Flex-O-Glass 40c Sq. Yd.
Glass_O-Net 60c Sq. Yd.
Wyr-O-Glass 90c Sq. Yd.
Rabbit Feeders and Waterers, ea.....35c
Hand Blue Grass Strippers\$2.25
Hand Scoops For Feed or Grain,
 No. 3, 70c; No. 4, 85c
Cel. Poultry Leg Bands, Per 100.....50c
Brooder Thermometers,
 Oil, 60c; Electric, 55c
Burners for Oil Water Heaters.....85c
Thermostat Wafers50c
Epsom Salts, 1 lb., 10c; 10 lbs., 80c
 Poultry Guide—Free
Milk bottle caps, 500 to roll 45c
Nest Eggsea. 5c
Wire Basketsea. \$1.00
Sani-floor poultry litter. bag \$2.00
 Bag covers 45 sq. ft.
Egg Cartons (holds 1 dozen eggs)
 2 dozen 45c
 250 in carton \$4.00
Foust's Pigeon Health Grit for Pigeons 100 pound bag \$3.50
Pigeon Mixed Feed — no corn — contains Canadian Peas 100 pound bag \$4.85
Wren Houses each

HOT KAPS

Doz., 25c; 100, \$1.95; 1000, \$11.00



ALLIGATOR PRUNING SHEARS \$1.75



FEEDERS

10 inch \$.15
18 inch .30
24 inch .60
36 inch .90
48 inch 1.60

Electric Brooder, 100 chick size \$12.50
Oil Brooder 300 chick size 15.00
Oil Brooder 500 chick size 21.00
Hoovers 5.95
Canapy Brooders 500 chick size 27.50
Electric Brooder 1500 chick size 95.00
Broiler Plants 100 per week 87.50
Chick Waterers to fit mason jars ea. .10



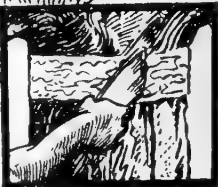
RIVET LOCK

WATERERS

1 quart \$.45
1/2 gallon .65
1 gallon 1.10
2 gallon 1.80
2 gal. heavy 2.20

STOP
CLIMBING
CANKER WORMS
with
TREE
TANGLEFOOT

Don't let cankerworms or other creeping insects ruin your valuable shade trees. Apply **TREE TANGLEFOOT**, either directly or indirectly (with removable Balsam Wool Bands). A barrier no creeping insect can pass.



PROTECT NOW AGAINST THE SPRING INVASION

We have listed only a few of the brooders and waterers that we have on hand. If you have any other equipment in mind, write us, and we will quote you prices. We sell wholesale—Dealers write for prices. We reserve the right to change prices without notice.

FLORIST SUPPLIES

**YOUR BEST BUY
IN PLANT FOOD**



**FEED TREES
SHRUBS with
VIGORO**

PRICES

| | |
|----------------|---------------|
| 1- 39 bags @ | \$2.75 |
| 40- 99 bags @ | 2.75 less 5% |
| 100-199 bags @ | 2.75 less 8% |
| 200-599 bags @ | 2.75 less 12% |

5 bags or over, prepaid to your station

COTTON TWINE

3 or 4 ply, in balls, packed 5 lbs. in a package, for tying vegetables in bunches. White Twine in balls. 5 lb. pkg., \$3.95. In large cone-shaped spools, weighing about 2 lbs. Price per lb. 90c. Red Twine. Per lb. \$1.00

JUTE TWINE

For sewing sacks; also used for tying grape vines. Same as above except 2-ply, in 1/2 lb. balls. Per ball, 20c; 2 balls, 35c; 50 lb. reels, 50 cts, 35c per lb.

BINDER TWINE

Good quality, balls, 5 lbs., 90c; 8 lbs., \$1.45

RAFFIA

Per lb. \$1.00

TREE LABELS

3 1/2 inches, notched and copper wired. 45c per 100; \$3.75 per 1000 not postpaid

POT LABELS

Pot labels are packed in packages of 1,000 each except the 10 and 12 inch, which are put up in packages of 500. 5/8 inch wide.

| | Plain | | Painted | |
|---------------|--------|--------|---------|--------|
| | 100 | 1000 | 100 | 1000 |
| 4 inch..... | \$.35 | \$2.50 | \$.40 | \$2.85 |
| 6 inch | .40 | 3.00 | .45 | 3.50 |
| 8 inch | .50 | 5.00 | .60 | 5.35 |
| 10 inch | .65 | 6.25 | .75 | 6.90 |

GARDEN STAKES

The 8, 10, and 12 inch Garden Stakes are packed in boxes of 500, 250, and 100, respectively. 7/8 inch wide.

| | Plain | | Painted | |
|--------------|--------|--------|---------|--------|
| | 100 | 1000 | 100 | 1000 |
| 8 inch..... | \$0.75 | \$5.50 | \$1.00 | \$6.50 |
| 10 inch..... | 1.00 | 6.50 | 1.25 | 7.50 |
| 12 inch..... | 1.25 | 8.50 | 1.50 | 9.50 |

MATCH STICKS

Pointed, heavy, hardwood sticks dyed green. 12 inch, \$2.50 per 1000; 18 inch, \$3.50 per 1000.

PEERLESS GLASS REPAIR CLAMP FOR GREENHOUSE ROOF

Simple device for repairing broken greenhouse glass. 100 clamps, \$1.50, Postpaid, \$1.60.

ALL PRICES ABOVE SUBJECT TO CHANGE WITHOUT NOTICE
All Prices Not Postpaid Unless So Specified

ASPARAGUS KNIVES

Used also as a weeder and dandelion digger. Each 75c, postpaid

PLANT STAKES

Painted Green

| | | 100 | 1000 |
|-----------------------|--------|--------|------|
| Size 1 1/2 feet | \$1.00 | \$6.00 | |
| Size 2 feet | 1.30 | 7.00 | |
| Size 2 1/2 feet | 1.40 | 9.00 | |
| Size 3 feet | 1.95 | 10.00 | |
| Size 3 1/2 feet | 2.25 | 11.85 | |
| Size 4 feet | 2.45 | 12.50 | |

PEERLESS GLAZING POINTS, GALVANIZED

Points are beveled on top and will hug close to glass when driven; two sizes, No. 2 for medium glass; No. 2 1/2 85c. 3.75 per 5000, postpaid.

GLAZING POINTS, ZINC CITY

One pound packages, 3/4 inch, 1300 to 1b.; 7/8 inch, 1200 to 1b. Per lb., 50c; 10 lbs., \$4.75, postpaid.

VITAPLASTIC GLAZING COMPOUND

Black Only

| | |
|------------------|-----------------|
| 1 gal. can..... | \$1.75 per gal. |
| 5 gal. can..... | 1.65 per gal. |
| 10 gal. can..... | 1.60 per gal. |
| 20 gal. can..... | 1.50 per gal. |

These prices f. o. b. Kansas City, Mo., excepting on 20 gallons or more, from which you may deduct freight charges from your invoice.

VITAPRESSURE GUN

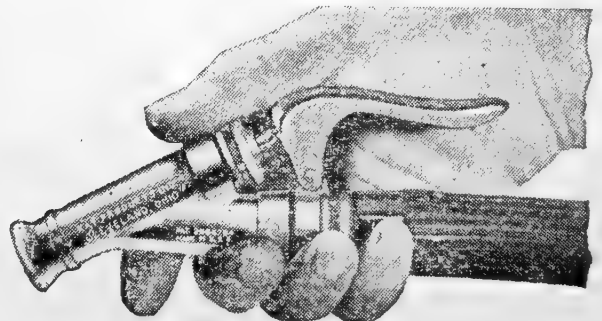
For applying glazing compounds. Each, \$5.00.

NEPONSET PAPER POTS (RED)

| | | |
|---|------------|---------|
| Made of water-proof paper, light, clean and unbreakable. Doz. | 100 | 1000 |
| 2 inch..... | 18c \$0.75 | \$ 4.50 |
| 2 1/4 inch..... | 20c .85 | 5.25 |
| 2 1/2 inch..... | 23c 1.00 | 5.75 |
| 3 inch..... | 28c 1.25 | 6.85 |
| 3 1/2 inch..... | 35c 1.45 | 8.00 |
| 4 inch..... | 40c 1.65 | 9.45 |
| 5 inch..... | 45c 2.35 | 13.75 |
| 6 inch..... | 50c 2.60 | 17.00 |

RUBBER BANDS AND APRONS

| | |
|--|--------------|
| Rubber bands, No. 8, 10, 12, 16 | |
| 1 pound | \$1.35 |
| 5 pounds | per lb. 1.15 |
| 10 pounds | per lb. 1.05 |
| 25 pounds | per lb. 1.00 |
| 100 pounds | per lb. .90 |
| Aprons Med. size \$2.50; Lg. size \$2.75 | |



Lever-Spray Hose Nozzle \$1.85
Snap-tite Coupling pr. \$1.35 nipples 30c ea.

EXTERMINATORS

| | |
|--------------------------------------|--------------|
| Hart's Poison Wheat..... | 15c and 30c |
| Hart's Rat Kill..... | 25c and 50c |
| Hart's Mole Kill..... | 30c and 60c |
| Gallagher's Liquid Rat Killer, Bot., | \$1.00 |
| Pronto Three Flavor Rat Kill..... | 50c |
| Red Crown Squill Rat Kill..... | 25c |
| Ant-X-Jelly Bait | 35c and 1.00 |
| Ant-X-Ant Traps | 25c |
| Rat-Nots | 25c and 1.00 |
| Mouse-Nots | 25c and 1.00 |
| Roach-Nots | 25c and 1.00 |
| Mole-Nots | 35c and 1.00 |
| Rat-Not-Paste | 35c and 1.00 |
| Dog-Check | 60c and 1.00 |
| Moth Check | 75c and 1.25 |
| Flea-Not | 25c |
| Roach-Not-Powder | 25c and 1.00 |
| Kilmice (seed bait) | 25c and 1.00 |
| Nott's Antu-Rat-Paste | 35c and 1.00 |
| Rat-Tu (Containing 5% Antu) | 35c |
| Rat-Tu (Containing 25% Antu) | 60c |
| Cooks Antu Prepared Bait 1 lb. | 1.00 |
| Dusting Powder 3½ oz. | 1.00 |
| Rat-Nip | 35c |
| Dusting Powder 3½ oz. | 1.00 |
| Rat-Nip | 35c |




| | |
|-----------------------------|-----|
| Dr. Ray's Safe Kill Formula | |
| 3 oz. | 35c |
| and 6 oz. | 50c |
| Cook's Wonder Spray | |
| ¼ lb. | .35 |
| 1 lb. | .75 |
| Cook's Wonder Spray | |
| pts | .50 |

KILL

THESE PESTS

Use common household sprayer to apply Toxite and destroy pests such as Red Mites, Bedbugs.



Spray walls, roosts, nests and other hiding places. One application usually lasts for months.

Toxite

| | |
|--|-------|
| Airosol Formula No. 2 Stock | |
| Spray 30% DDT half pts | .70 |
| pints | 1.25 |
| quarts | 2.25 |
| Airosol Formula No. 3 Res. | |
| insect—5% DDT, pints | .48 |
| quarts | .79 |
| gallons | 2.50 |
| Airosol Household Formula No. | |
| 4—5% DDT pints | .58 |
| quarts | .96 |
| gallons | 3.25 |
| Airosol DDT Bomb | 2.95 |
| Airosol NIX Bomb for Mosquitoes & Chiggers | 2.95 |
| Germicide Bomb | 2.95 |
| Knox-Out Fly Spray—5% DDT | |
| gallon | 3.00 |
| DDT-TOX 25% DDT, gallon | 10.00 |
| Penco Cattle Spray 50% DDT | |
| 2 lb. pkg. | 1.80 |
| 4 lb. pkg. | 2.80 |
| N & K for Screen Doors— | |
| 5% DDT, 8 oz. | .49 |
| Carbola DDT Disinfectant Paint | |
| 5 lbs. | .80 |
| 10 lbs. | 1.35 |
| Conkey's 25% I-K Spray | |
| qt. | 1.40 |
| gallon | 4.95 |
| Conkey's 5% Household Spray | |
| pt. | .40 |
| qt. | .60 |
| Pioneer Mite Killer | 1.75 |
| Pioneer Stock Dip | 1.75 |
| Noxicide—Dip and Disinfectant | |
| pint | .40 |
| quart | .70 |
| gallon | 1.75 |
| Cyanogas | |
| 1 lb. | .85 |
| 5 lb. | 3.25 |
| 25 lb. | 9.50 |

THE ANTOINE SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

EXTERMINATORS

| | |
|---------------------------|---------------|
| Flit Fly Spray | |
| pint | .30 |
| quart | .50 |
| Nott's 2, 4-D Weed Killer | 1.00 and 3.00 |
| Weed-one Weed Killer | 1.00 and 3.00 |
| Weed-No-More Weed Killer | 1.00 and 3.00 |
| Ammate | |
| 1 lb. | .40 |
| 10 lb. | 3.50 |
| Zo-Tox | |
| 8 oz. | 1.00 |
| 16 oz. | 1.00 |



| | |
|---|------|
| Acme Weed Killer | |
| pint | .35 |
| quart | .55 |
| Toxite | |
| gallon cans | 1.75 |
| quart cans | .60 |
| 10 oz. can | .35 |
| 5 gallon drum | 6.50 |
| Vet. Oint., jar | .50 |
| Fumeogen | .50 |
| Mologen | .50 |
| Nico-Fume Powder Fumigator | |
| 1 lb. can | .75 |
| 1 case (12 in) | 7.35 |
| Benzo-Fume Fumigator | |
| 1 lb. | .50 |
| 1 case (12 in) | 4.95 |
| Semesan | |
| 2 oz. | .40 |
| 12 oz. | 1.88 |
| Semesan Bel | |
| 2 oz. | .30 |
| 1 lb. | 1.65 |
| Semesan Jr. | |
| 1½ oz. | .15 |
| 12 oz. | .56 |
| Improved Ceresan | |
| 4 oz. | .30 |
| 1 lb. | .80 |
| Hormodin Powder No. 1, Greenhouse Plants | .50 |
| Hormodin Powder No. 2, Semi-Woody Plants and Shrubs | .75 |

| | |
|--|------|
| Hormodin Powder No. 3, nursery stock, | 1.00 |
| Floraid. A 10c can will make 10 gallons strong fertilizer nitrogen product for flowers, vegetables and shrubs. | |
| Vegetable Fix | |
| 20 Tablets | .25 |
| 100 Tablets | 1.00 |
| Transplant | |
| 40 Tablets | .25 |
| 100 Tablets | .50 |
| Pkt. | 1.00 |
| Fruit Fix | |
| Pkt. | .25 |
| 1¼ oz. | .50 |
| 3 oz. | 1.00 |
| Fruitone | |
| 2 oz. can | 1.00 |
| Rootone | |
| 2 oz. Pkg. | 1.00 |
| Ree-Root | |
| No. 1 Pkt. | .25 |
| 2 oz. | .50 |
| 8 oz. | 1.00 |
| Ree-Root | |
| No. 2 Pkt. | .25 |
| 2 oz. | .50 |
| 8 oz. | 1.00 |
| Pree-Plant | |
| Pkt. | .25 |
| 2 oz. | .75 |
| 8 oz. | 2.25 |
| Plantabbs, 10 Tablets | .10 |
| Plantabbs, 30 Tablets | .25 |
| Plantabbs, 75 Tablets | .50 |
| Vigoro Plant Food Tablets, | |
| 24 Tablets | .10 |
| Plant-Chem. Grow plants without soil, Pkt. | .25 |



We Reserve the Right to Limit Quantities, also to Change Prices Without Notice

LESPEDEZA

| | |
|---------------------|----------|
| | 109 lbs. |
| Korean Pride | \$ 9.00 |
| Korean Choice | 7.00 |
| Kobe-Tall | ASK |
| Sericea | ASK |

PEANUTS

| | |
|---------------|------------|
| Jumbo | 40c per lb |
| Spanish | 40c per lb |

| | |
|---|--------------|
| | 100 lbs |
| Seed Rye Balbo | bu. \$3.50 |
| Seed Barley | bu. 2.50 |
| Seed Oats | bu. 1.50 |
| Sudan Grass | 11.00 |
| Fodder Cane | 7.00 |
| Black Amber Cane | 7.00 |
| Orange Cane | 7.00 |
| Redtop Cane | 7.00 |
| African Millet Cane (sourless)..... | 7.00 |
| Norkan Sweet Stalk | 7.00 |
| Golden Millet | 7.00 |
| Hog Millet | 8.00 |
| White Wonder Millet | 8.00 |
| E. Fortune Red Millet | 8.00 |
| Sargo Atlas Certified | 12.00 |
| Sargo | 7.50 |
| Higari | 7.50 |
| Kaffir White | 7.50 |
| Kaffir Red | 7.50 |
| Feterita | 7.50 |
| Milo Maize | 7.50 |
| Milo Maize Dwarf | 7.50 |
| Grohoma | 7.50 |
| Cowpeas | New Era |
| Soy Beans | Virginias |
| Rape, 25c per lb., \$20.00 per 100 lbs. | Black Wilson |

SEED CORN

| | | |
|----------------------------|------|--------|
| | Days | Bu. |
| Reid's Yellow Dent | 110 | \$4.00 |
| Reid's Yellow Dent | 90 | 4.00 |
| Iowa Gold Mine | 90 | 4.00 |
| Iowa Silver Mine | 90 | 4.00 |
| Champion White Pearl | 90 | 4.00 |
| Boone Co. White | 100 | 4.00 |
| Mortgage Lifter | 100 | 4.00 |
| Smoky Dent | 75 | 5.00 |
| Golden Beauty | 100 | 4.00 |

HYBRID SEED CORN

Our hybrids are adapted to this territory, and are the soft type, main-crop kinds. They are not in the experimental stage, but have been proven under all weather conditions.

The plantings of 1945 surpassed the two previous years, and 1946 will be an even greater year.

Funk's G. 94, medium to full season. G. 80, Full Season; G. 53, Early; G. 169 Early; G. 135, Medium; G. 88, A little later; G. 135, Q. 527 White Medium.

| | |
|---|--------|
| | Bu. |
| L. Flat, R. Flat, M. Flat | \$9.90 |
| L. Round | 8.90 |
| R. Round, M. Round | 7.90 |
| Standard 813, medium to full season | |
| L. Flat and M. Flat | 9.00 |
| Standard U. S. 13, medium to full season | |
| L. Flat Grade | 9.00 |
| M. Valley U. S. 13, medium to full season | |
| L. Flat Grade | 9.00 |

Prices Net Cash, F.O.B., Independence, Mo.

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PLANTING TABLE

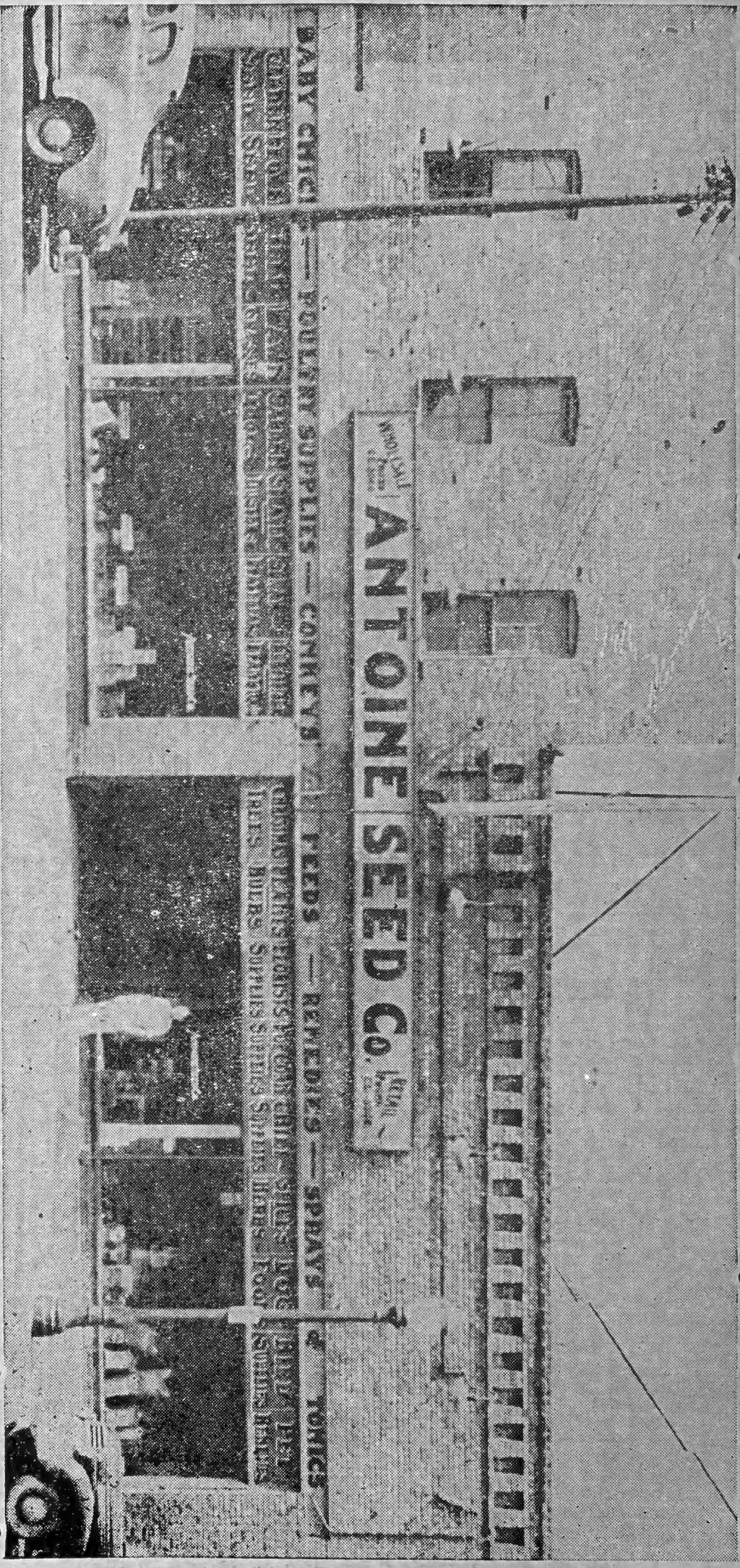
| Species | Seed for 100 ft. row | Seed for one acre | +Inches between rows | §Inches apart in row | ‡Planting depth, inches |
|--------------|-------------------------|----------------------|-------------------------|-------------------------|----------------------------|
| Beans, Bush | 1 lb | 60—75 lb. | 24—30 | 3—4 | 1½ |
| Beans, Pole | ½ lb | 30—35 lb. | 36—48 | 12 | 1½ |
| Beet | 2 oz. | 8—12 lb. | 14—24 | 3—4 | ¾ |
| Broccoli | ¼ oz. | *4 oz. | 24—30 | 16—20 | ½ |
| Cabbage | ¼ oz. | *4 oz. | 24—30 | 16—20 | ½ |
| Cantaloupe | ½ oz. | 3—4 lb. | 50—60 | 36—60 | 1 |
| Carrot | 1 oz. | 4 lb. | 14—24 | 2—3 | ½ |
| Cauliflower | ¼ oz. | *4 oz. | 24—30 | 16—20 | ½ |
| Celery | ¼ oz. | 4 oz. | 24—42 | 4—5 | ½ |
| Corn, Sweet | 8 oz. | 8—10 lb. | 30—42 | 9—12 | 1 |
| Cucumber | 1 oz. | 3—4 lb. | 4—5 ft. | 18—36 | ¾ |
| Egg Plant | ¼ oz. | 5—6 oz. | 3—4 ft. | 30—36 | ½ |
| Endive | 1 oz. | 4—5 lb. | 18—24 | 8—10 | ¾ |
| Kale | ¼ oz. | 4—5 lb. | 24—36 | 15—20 | ½ |
| Kohl-Rabi | ½ oz. | 4—5 lb. | 18—24 | 6 | ½ |
| Lettuce | ½ oz. | 3 lb. | 16—24 | 10—14 | ¾ |
| Muskmelon | ½ oz. | 3—4 lb. | 60—70 | 36—60 | 1 |
| Mustard | ½ oz. | 4 lb. | 18—20 | 6—9 | ½ |
| Okra | 2 oz. | 8 lb. | 30—42 | 15 | 1 |
| Onion | 1 oz. | 3—4 lb | 15—30 | 3—4 | ¾ |
| Parsley | ½ oz. | 4 lb. | 12—18 | 3—6 | ¾ |
| Parsnip | ½ oz. | 4 lb. | 18—24 | 3—4 | ½ |
| Peas | 2 lb. | 90—180 lb. | 24—36 | 1—2 | 1 |
| Pepper | ¼ oz. | 1 lb. | 30 | 24—30 | ½ |
| Pumpkin | 2 oz. | 3—4 lb. | 8—10 ft. | 5—6 ft. | 1 |
| Radish | 1 oz. | 10—12 lb. | 12—15 | 1—2 | ½ |
| Rutabaga | 1 oz. | 2—3 lb. | 18—24 | 4—8 | ½ |
| Spinach | 2 oz. | 15—25 lb. | 10—24 | 5—6 | ¾ |
| Squash, Bush | 2 oz. | 6 lb. | 4—5 ft. | 3 ft. | 1 |
| Squash, Vine | 1 oz. | 4 lb. | 6—8 ft. | 5—6 ft. | 1 |
| Swiss Chard | 1 oz. | 6—8 lb. | 18—24 | 10—12 | 1 |
| Tomato | ¼ oz. | 4 oz. | 3—4 ft | 3—4 ft. | ½ |
| Turnip | ½ oz. | 2—3 lb. | 12—24 | 3—7 | ¾ |
| Watermelon | ½ oz. | 3—4 lb. | 8—10 ft. | 8 ft. | ¾ |

•When plants are raised in greenhouse or hotbed.
+Varies with method of cultivation, etc.
‡For medium soils. A little more in sandy soils, a little less in heavy soils. Moisture is also a factor.
§The figures refer to stand of plants, not rate of seeding.

PLANTS REQUIRED TO SET AN ACRE

| Inches apart | Number of Plants | Inches apart | Number of Plants | Inches apart | Number of Plants |
|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|
| 12 x 3 | 174,000 | 24 x 2 | 130,000 | 36 x 3 | 58,000 |
| 12 x 12 | 43,500 | 24 x 18 | 15,500 | 36 x 12 | 14,500 |
| 18 x 3 | 116,000 | 24 x 24 | 11,000 | 36 x 48 | 3,500 |
| 18 x 12 | 29,000 | 30 x 6 | 35,000 | 48 x 60 | 2,000 |
| 18 x 18 | 19,000 | 30 x 12 | 17,500 | 60 x 60 | 1,700 |

THE ANTOINE SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.



Home of ANTOINE SEED COMPANY

WHOLESALE AND RETAIL

112-116 EAST LEXINGTON ST.

INDEPENDENCE, MISSOURI